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Figure 1  
Prior Art

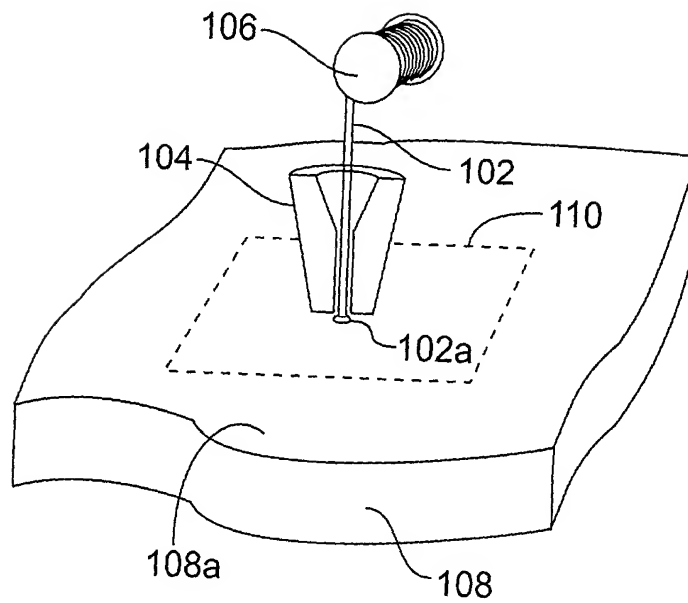


Figure 1A

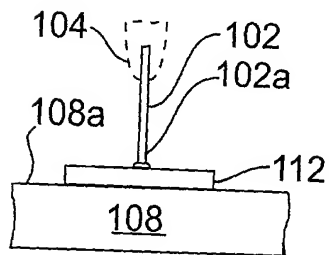
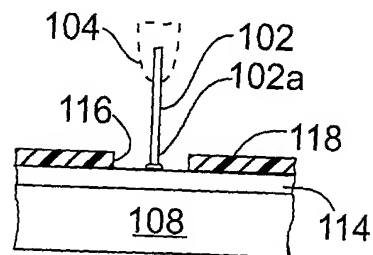


Figure 1B



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Figure 1C

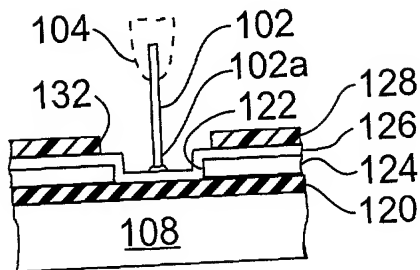


Figure 1D

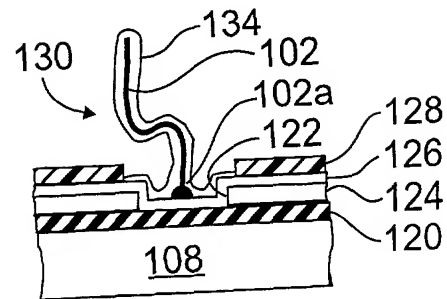


Figure 1E

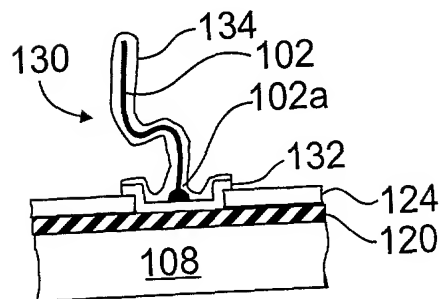
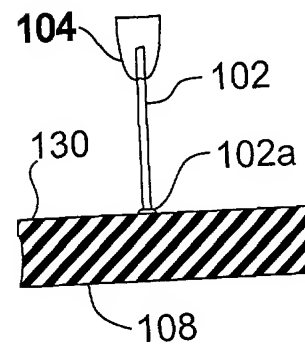
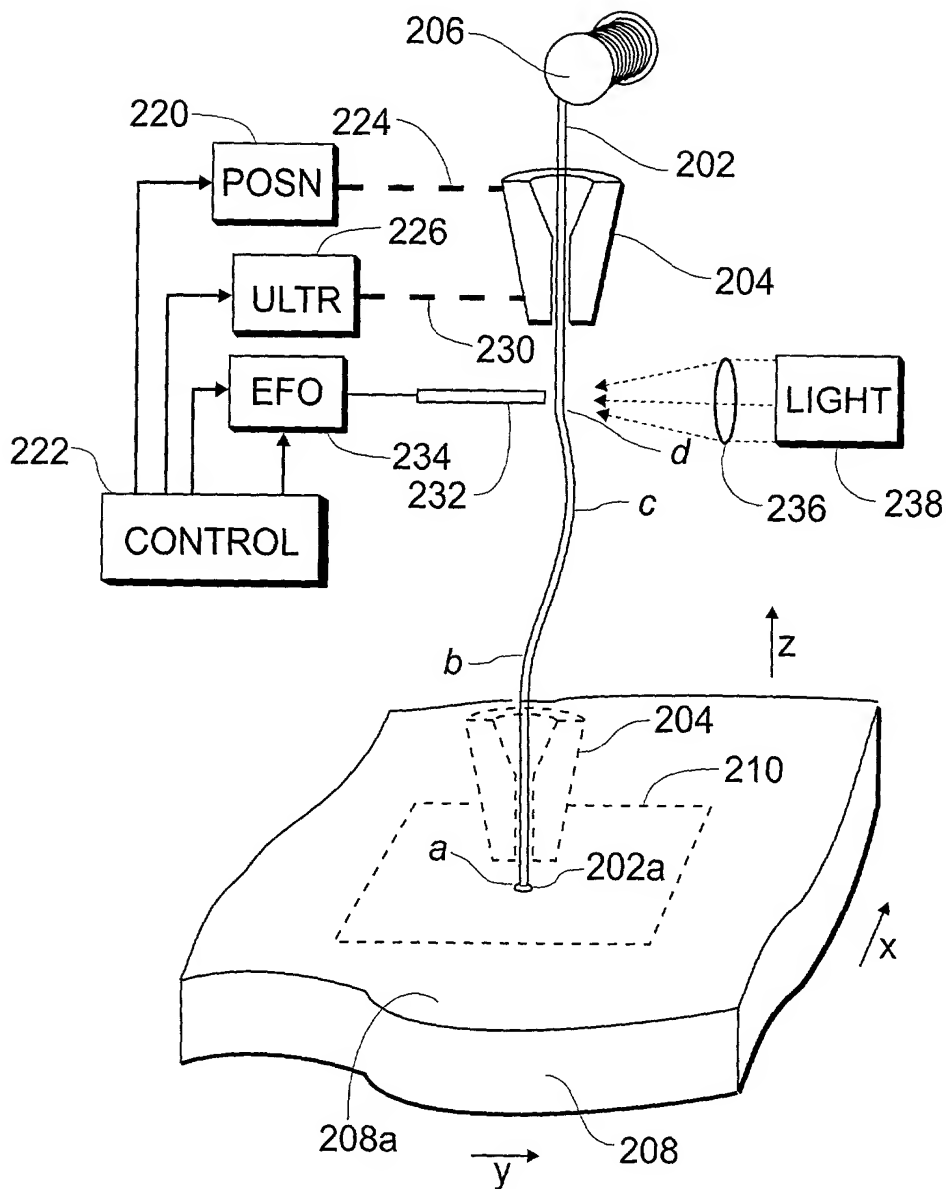


Figure 1F



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Figure 2



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Figure 2A

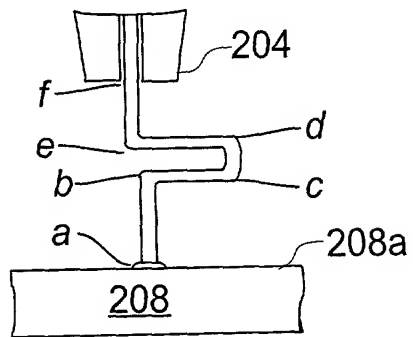


Figure 2B

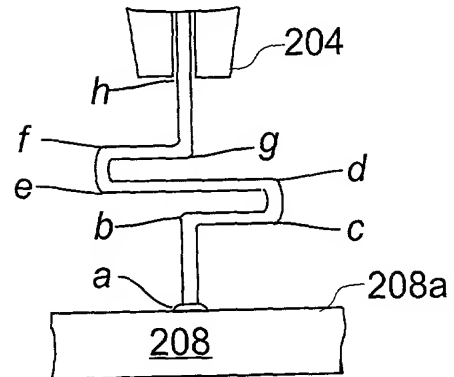
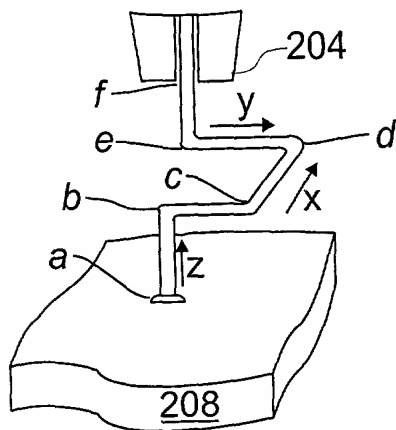


Figure 2C



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Figure 2D

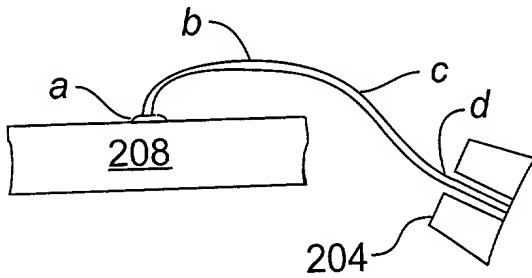


Figure 2E

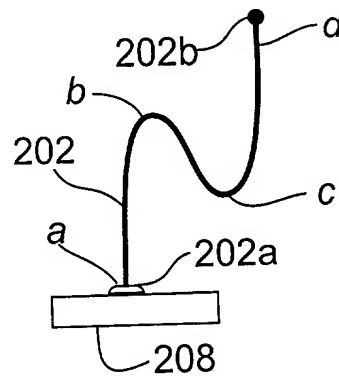


Figure 2F

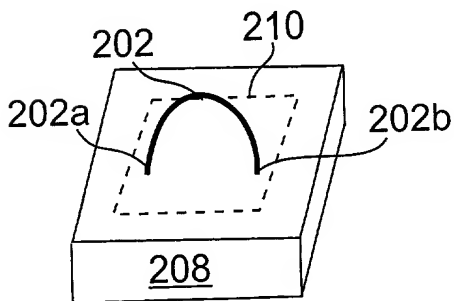


Figure 2G

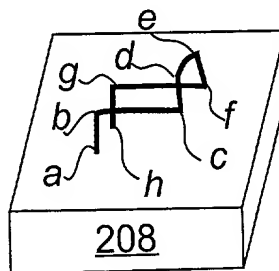
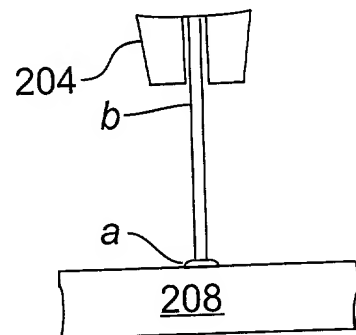


Figure 2H



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Figure 3A

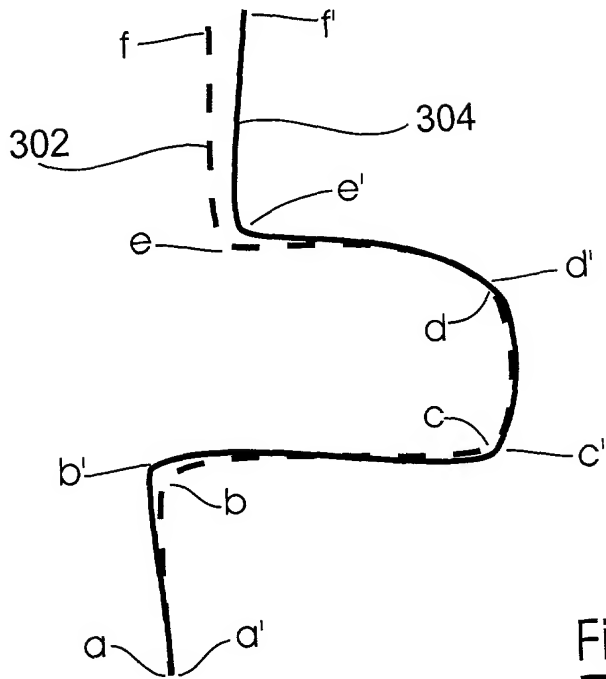
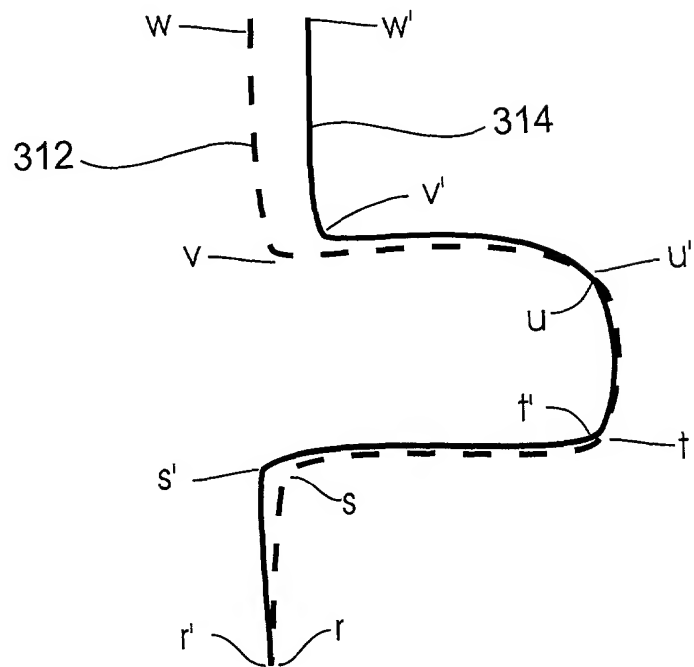


Figure 3B



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Figure 4A

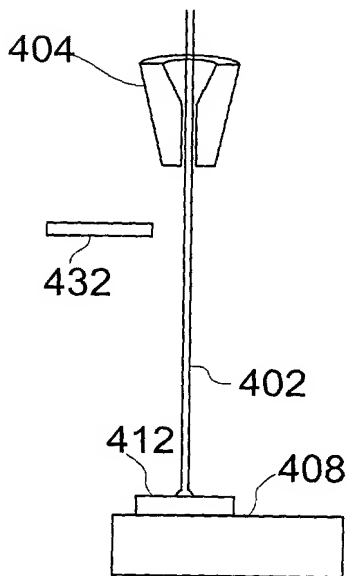


Figure 4B

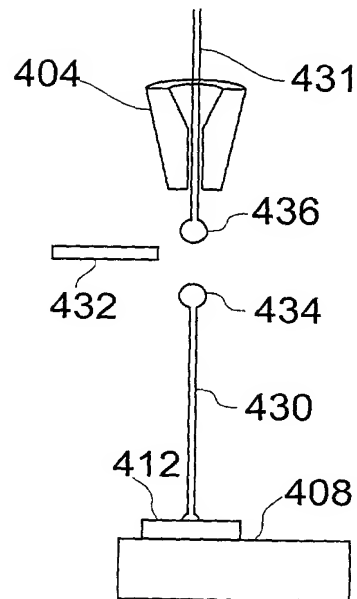


Figure 4C

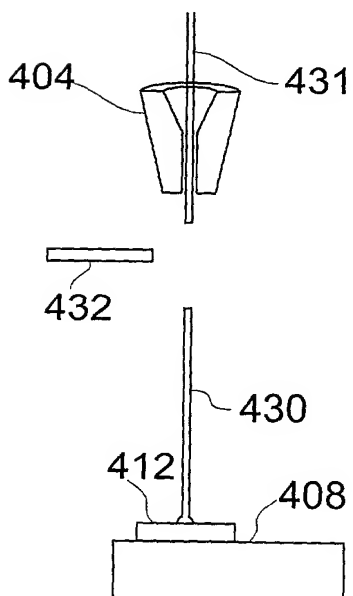
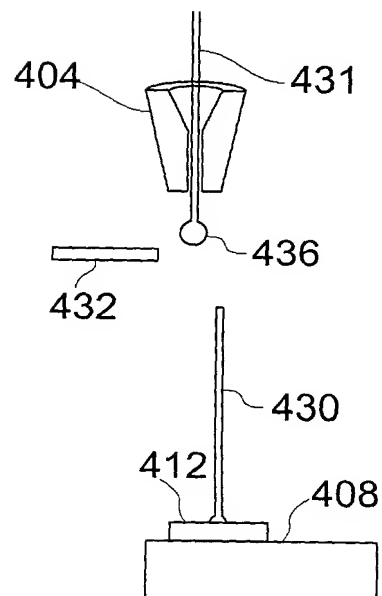


Figure 4D



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Figure 5

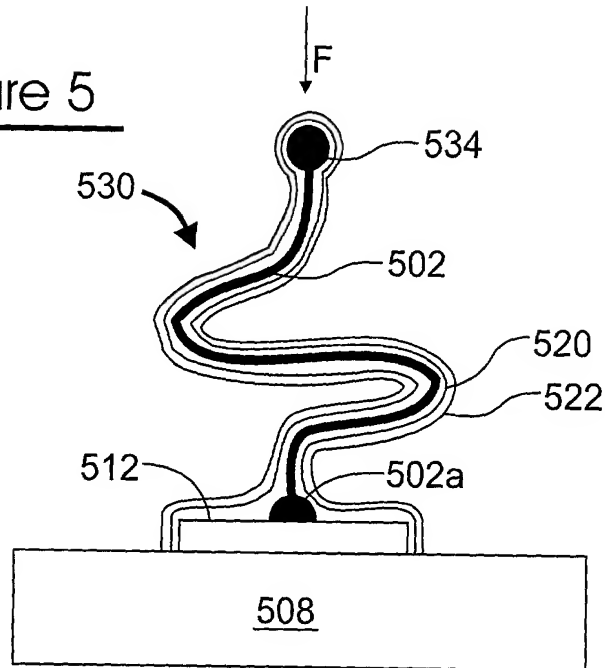


Figure 5A

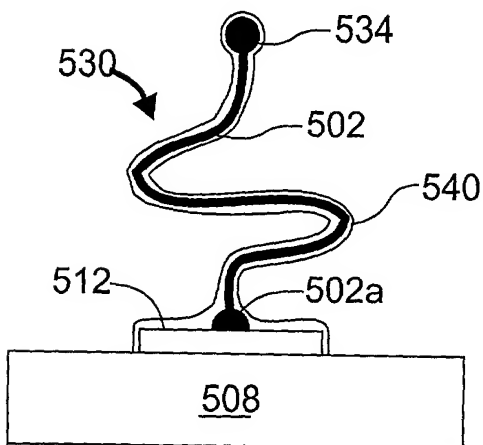
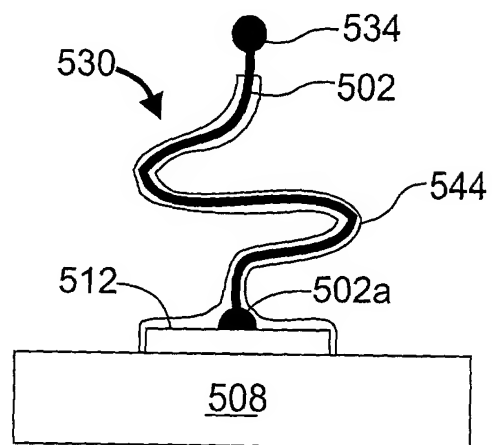


Figure 5B





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Figure 5C

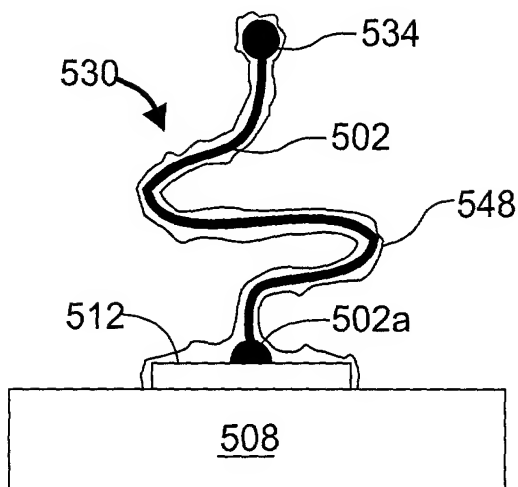


Figure 5D

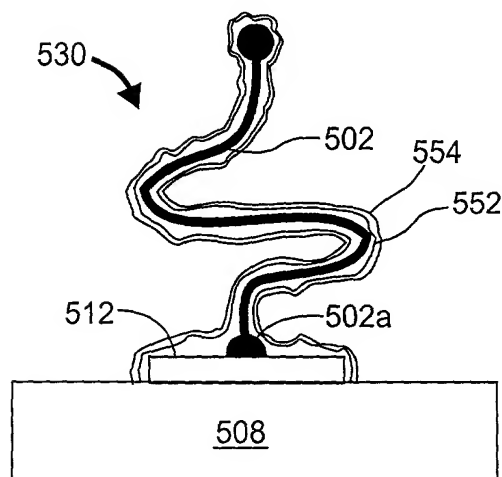


Figure 5G

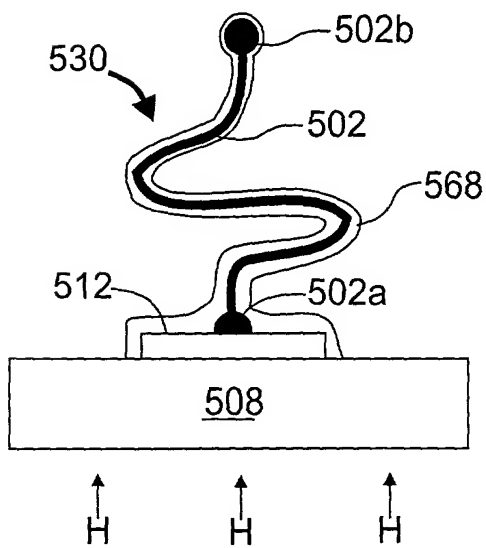
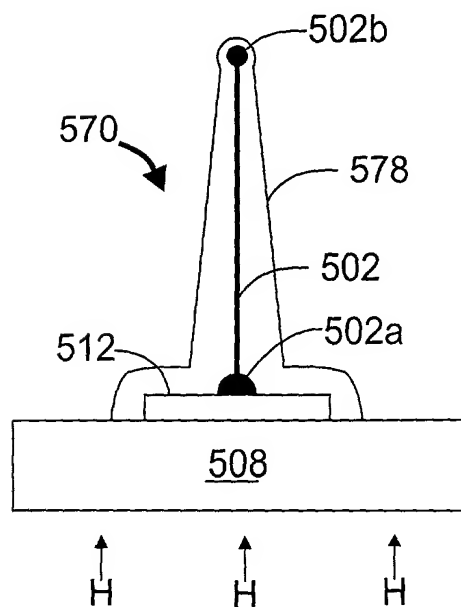


Figure 5H



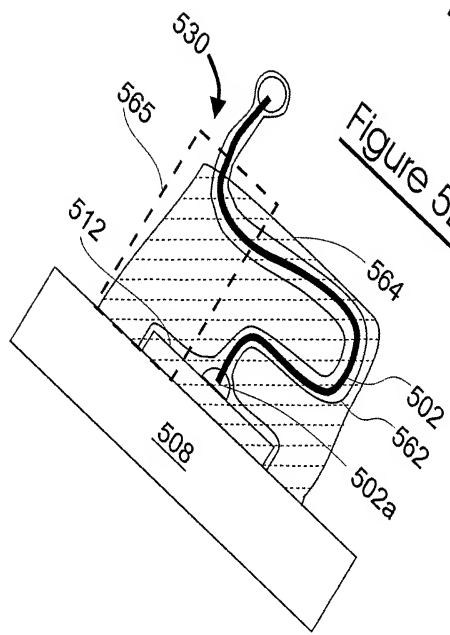


Figure 5E

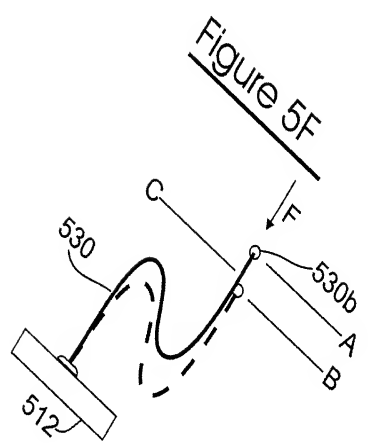


Figure 5F

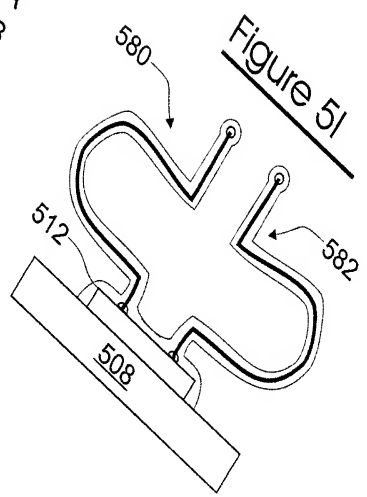


Figure 5I

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Figure 6A

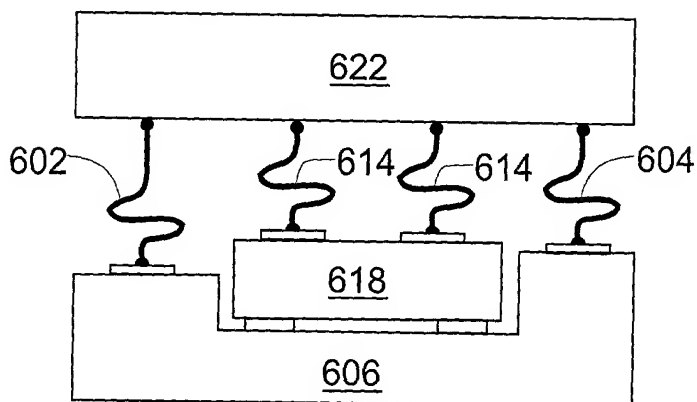


Figure 6B

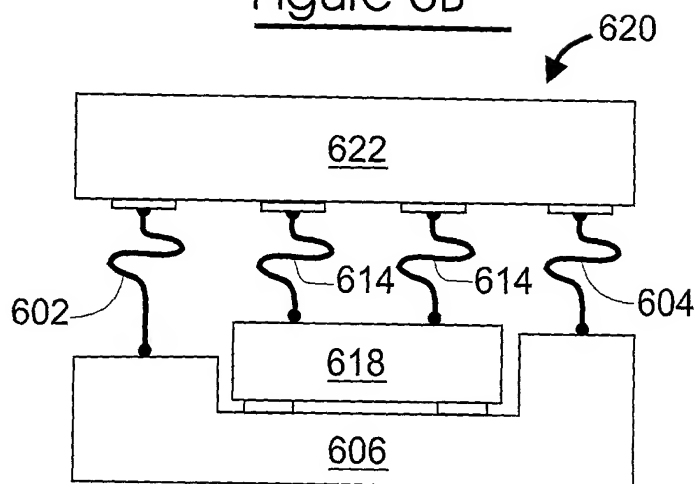
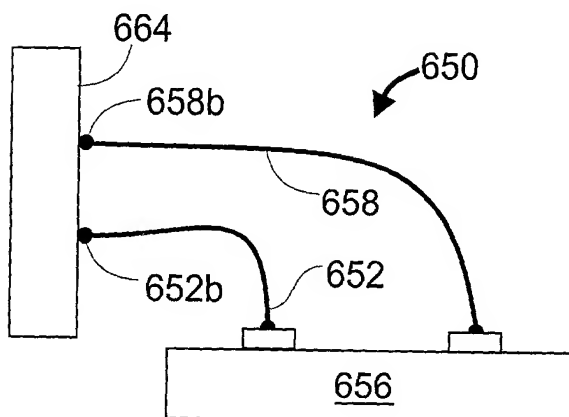


Figure 6C



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Figure 7A

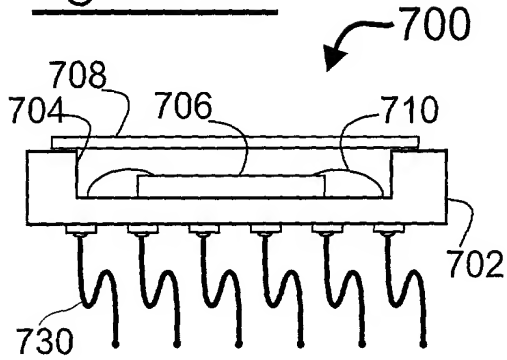


Figure 7B

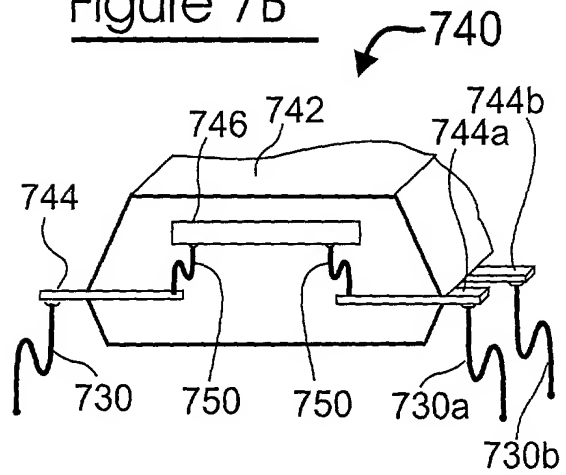


Figure 7C

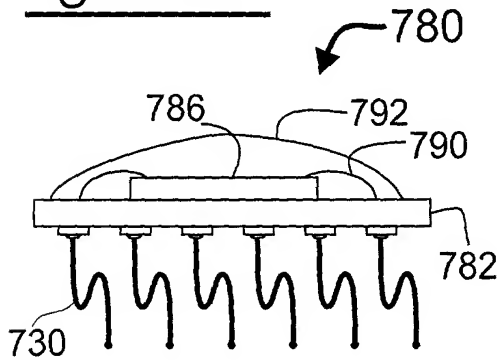
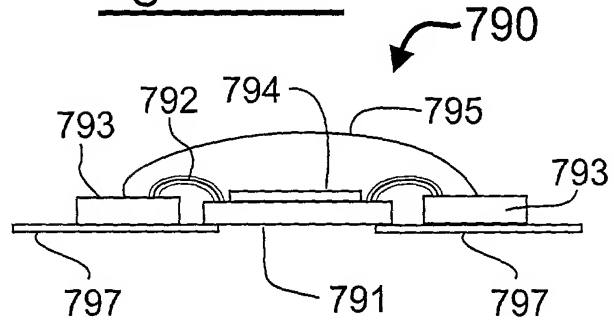


Figure 7D



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Figure 8A

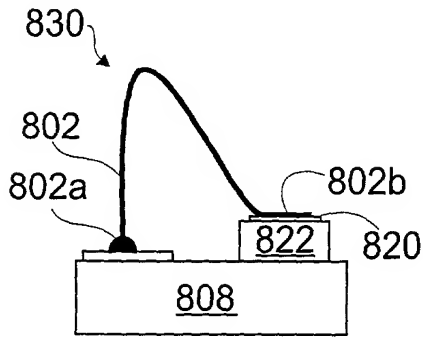


Figure 8B

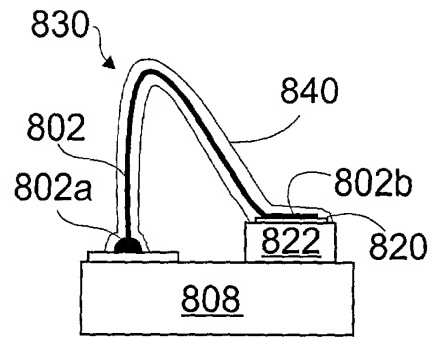


Figure 8C

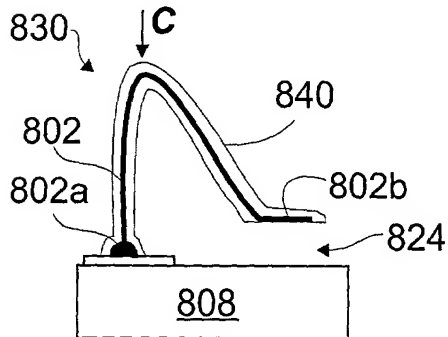
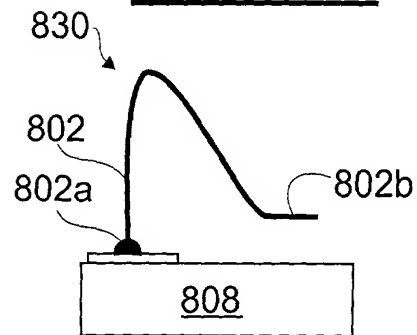


Figure 8D



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Figure 9A

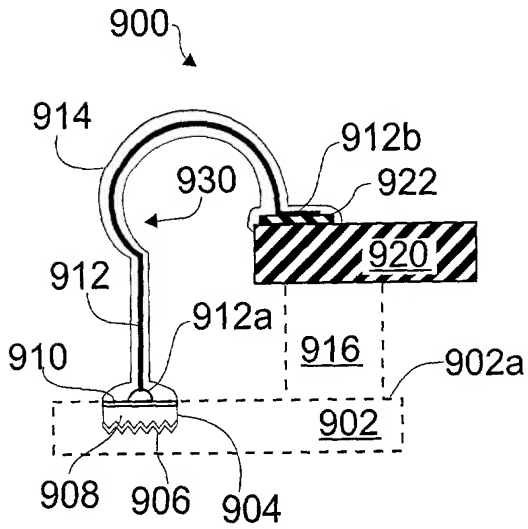


Figure 9B

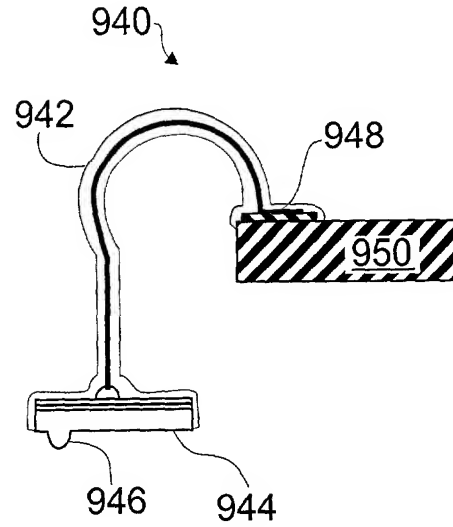
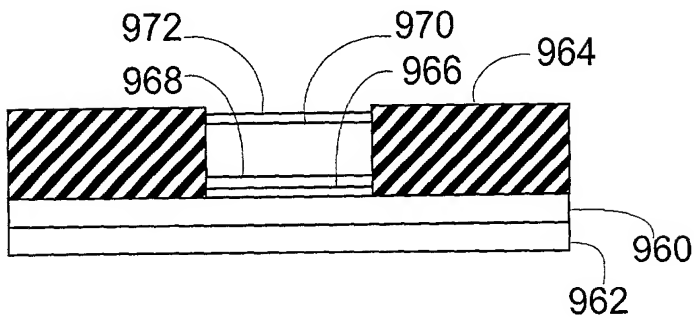


Figure 9C



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Figure 10A

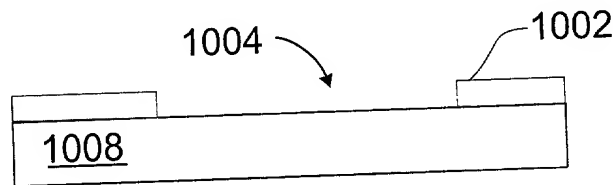


Figure 10B

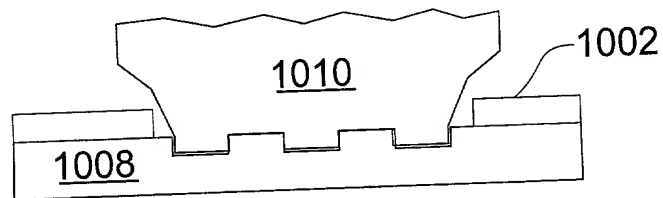


Figure 10C

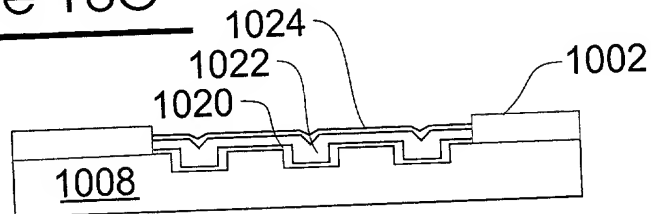
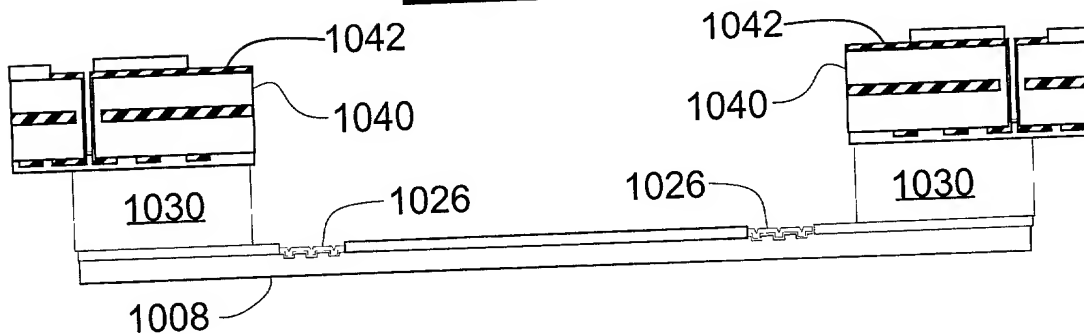


Figure 10D



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Figure 10E

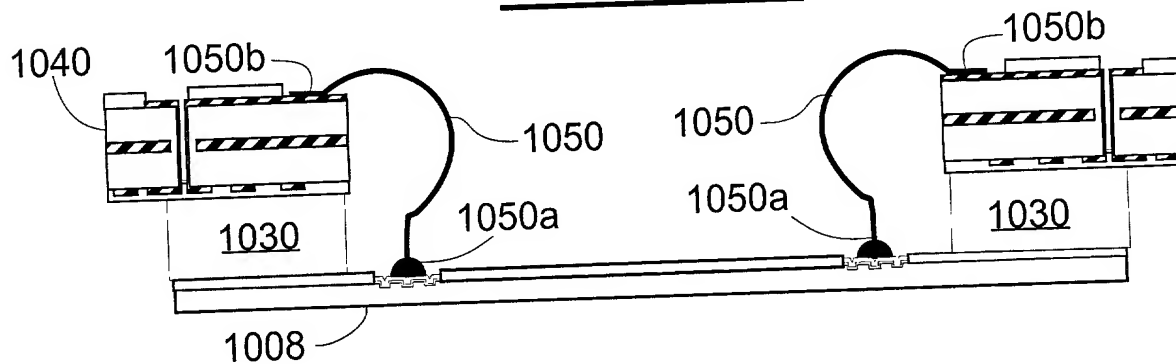


Figure 10F

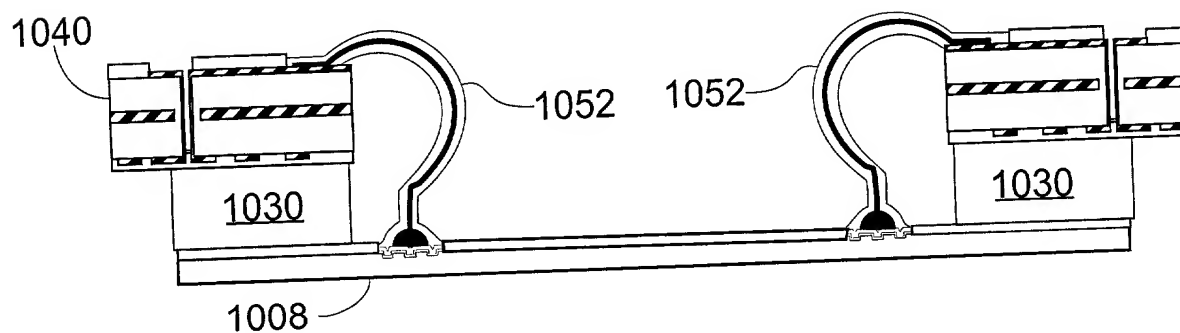
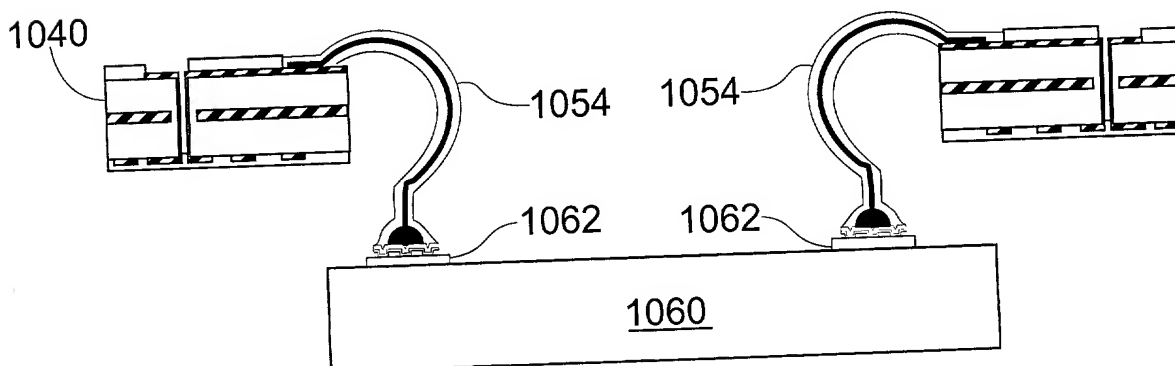


Figure 10G





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Figure 10H

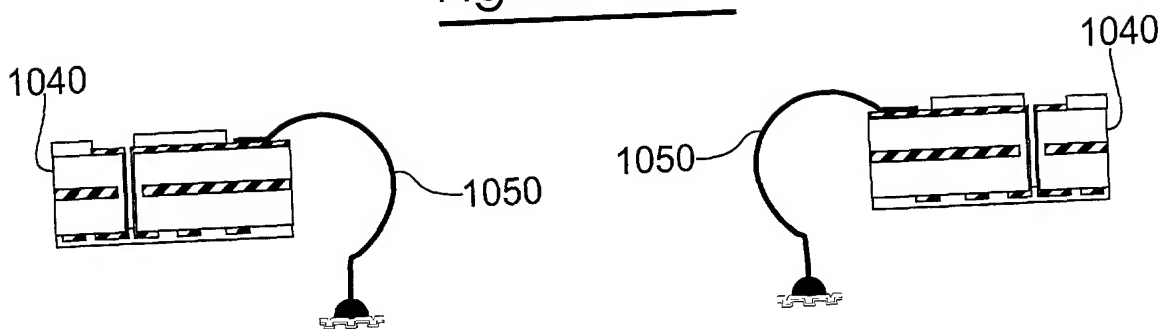
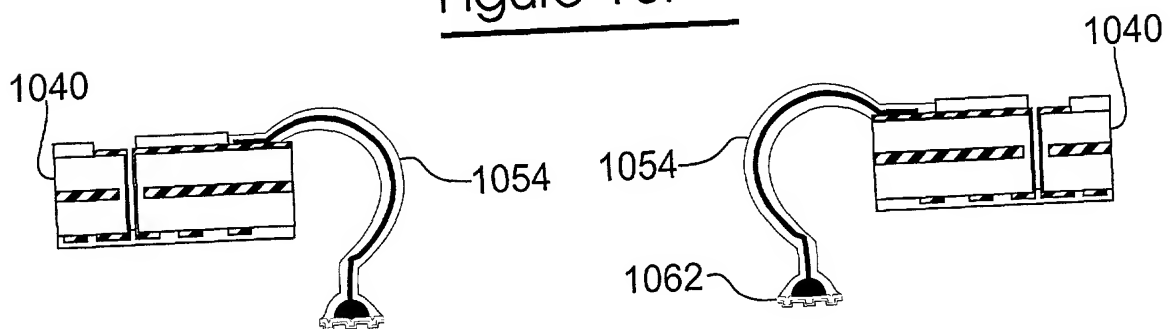


Figure 10I





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Figure 11A

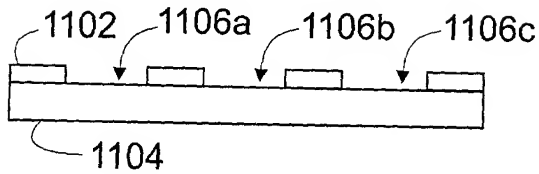


Figure 11B

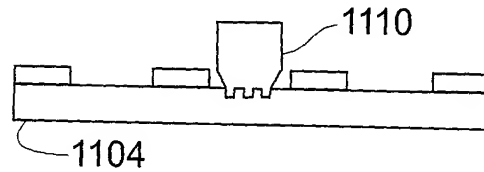


Figure 11C

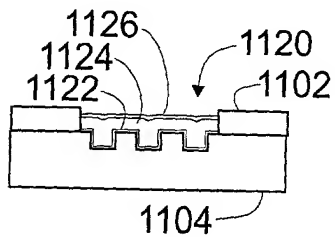


Figure 11D

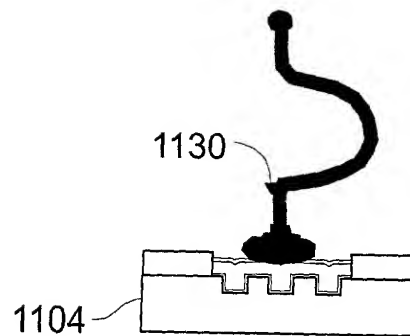


Figure 11E

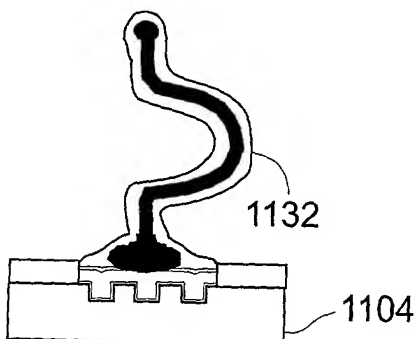
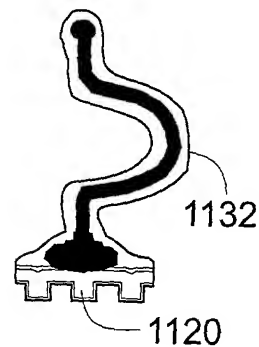


Figure 11F



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Figure 12A

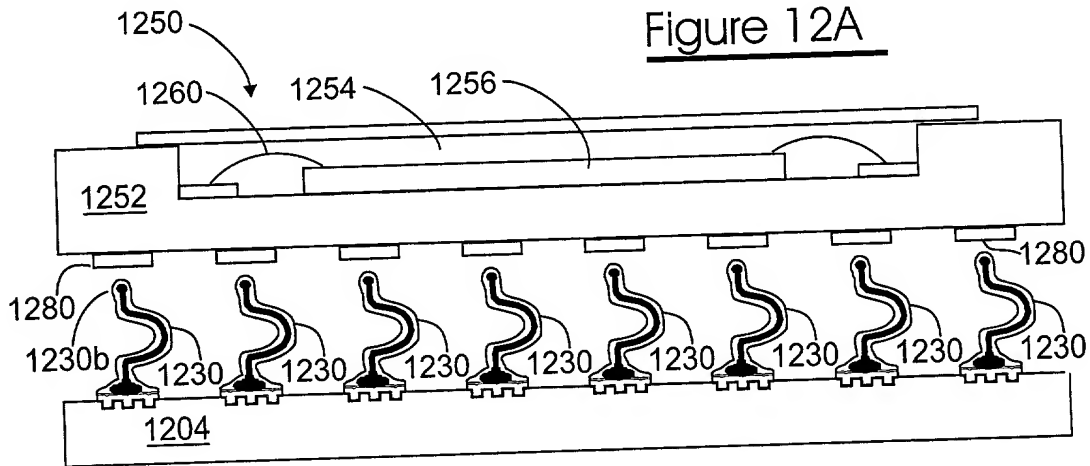


Figure 12B

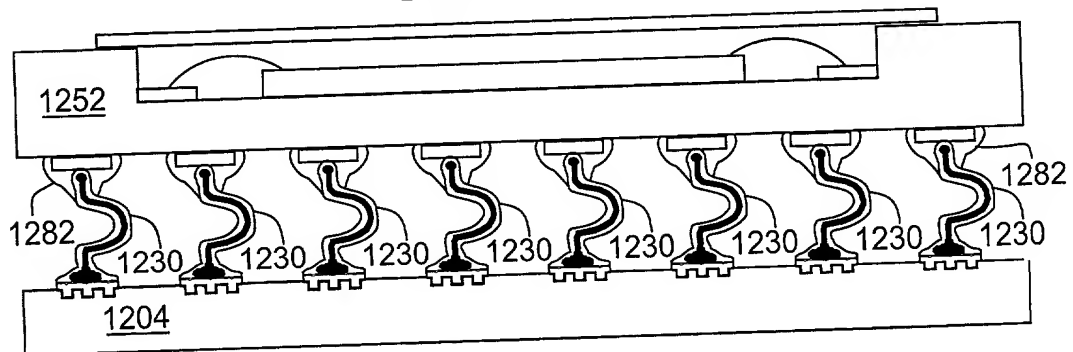
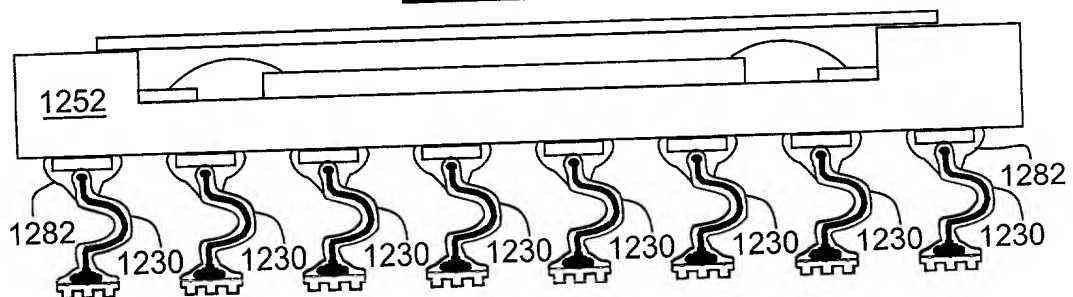


Figure 12C



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Figure 12D

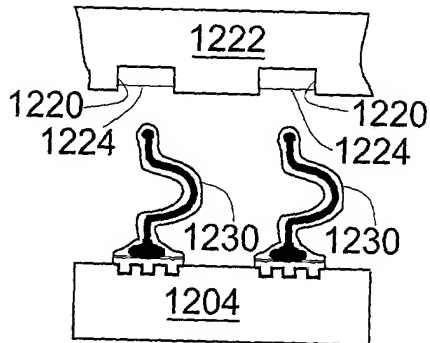


Figure 12F

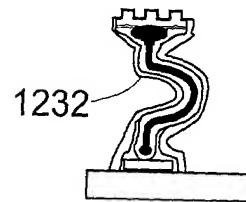


Figure 12E

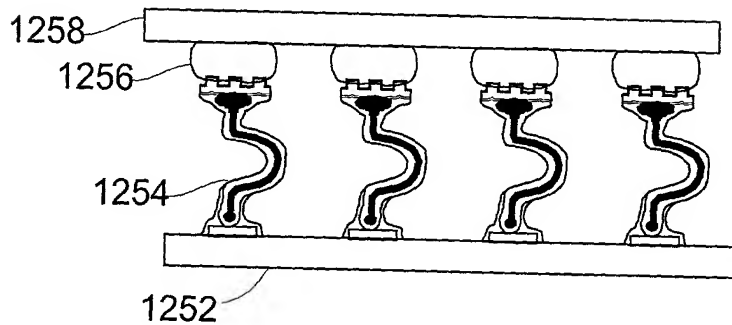


Figure 13A

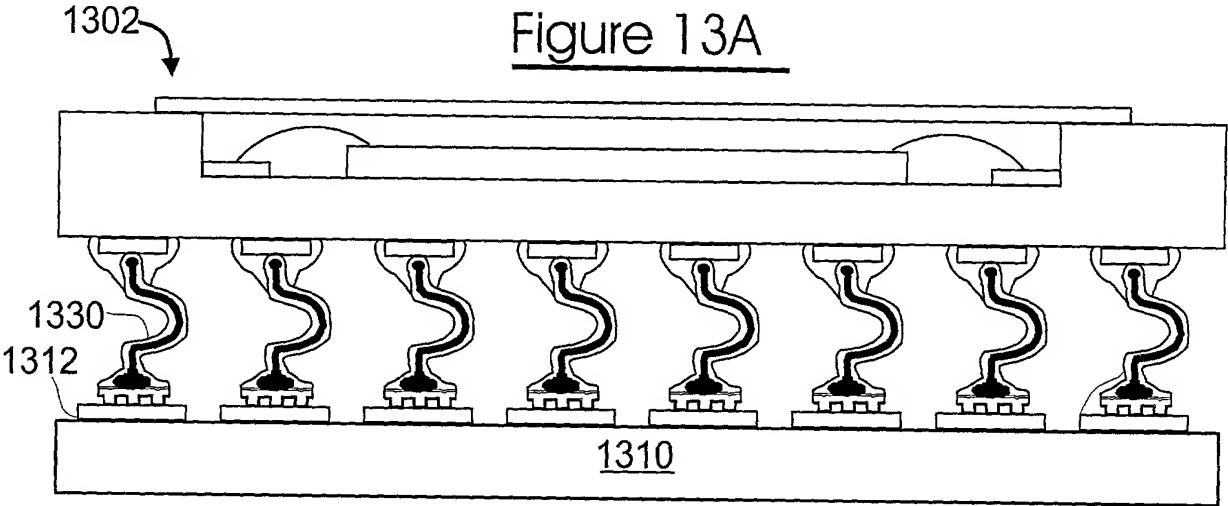
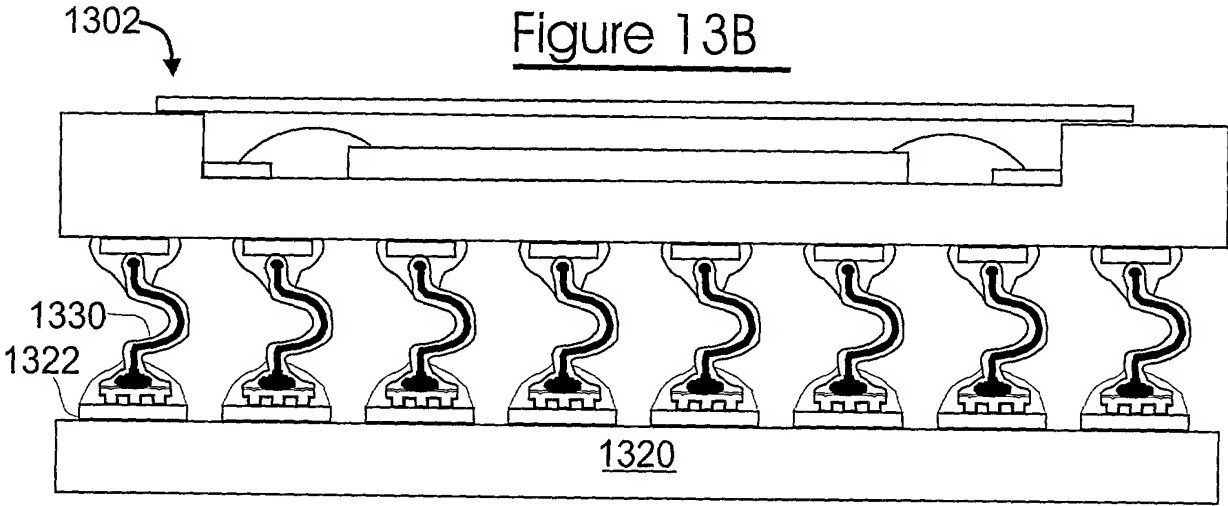


Figure 13B



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Figure 14A

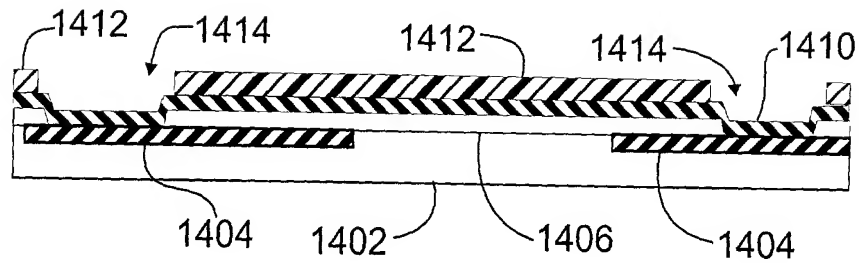


Figure 14B

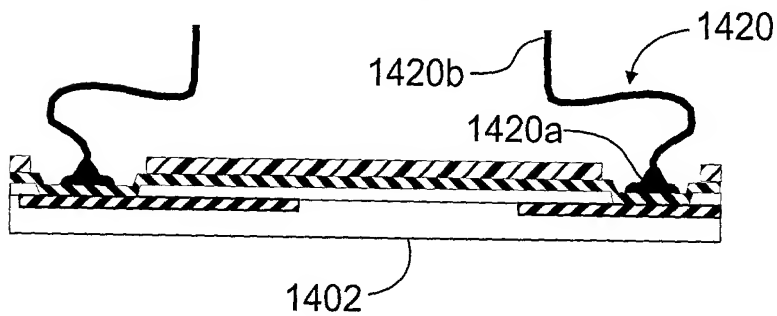
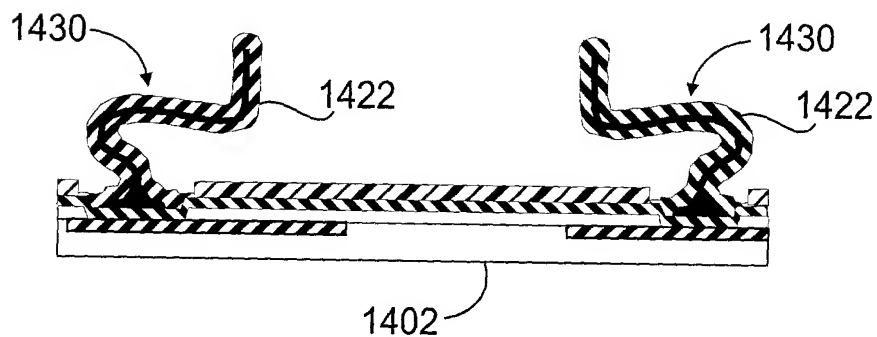


Figure 14C



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Figure 14D

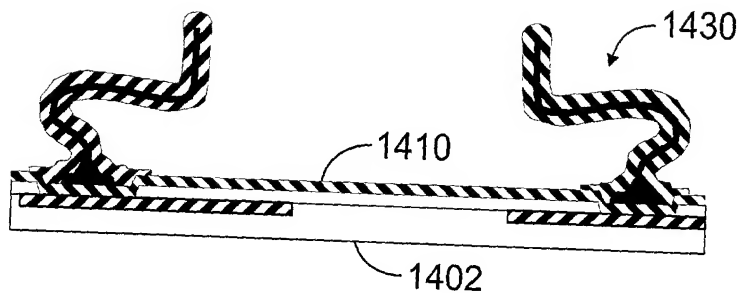


Figure 14E

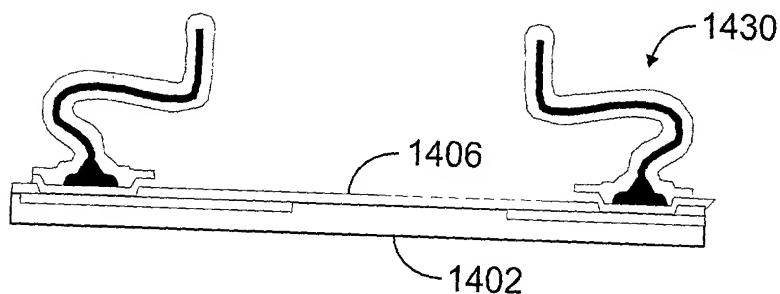


Figure 14F

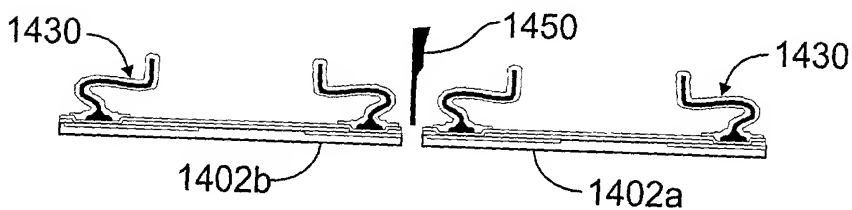
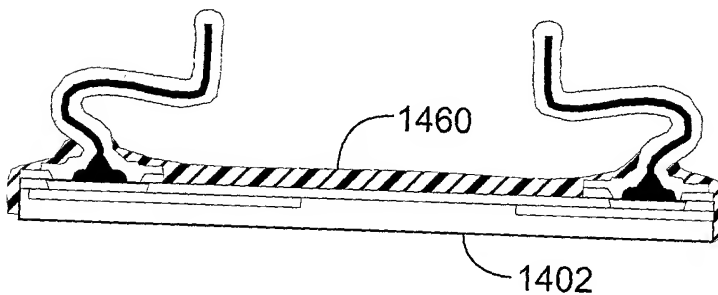


Figure 14G





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Figure 15

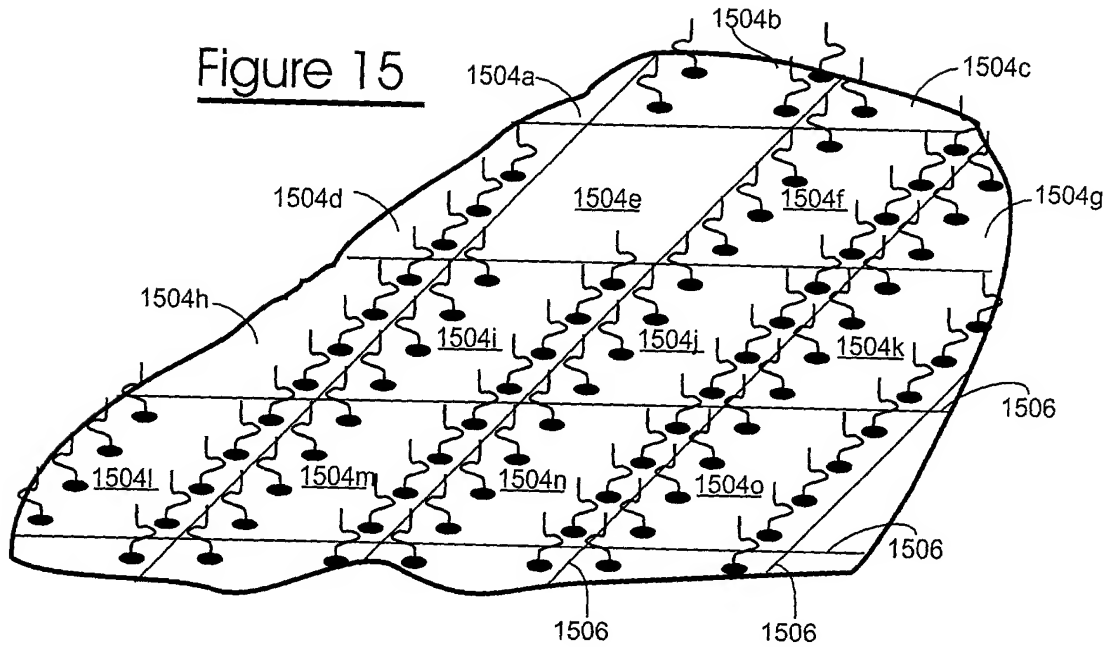
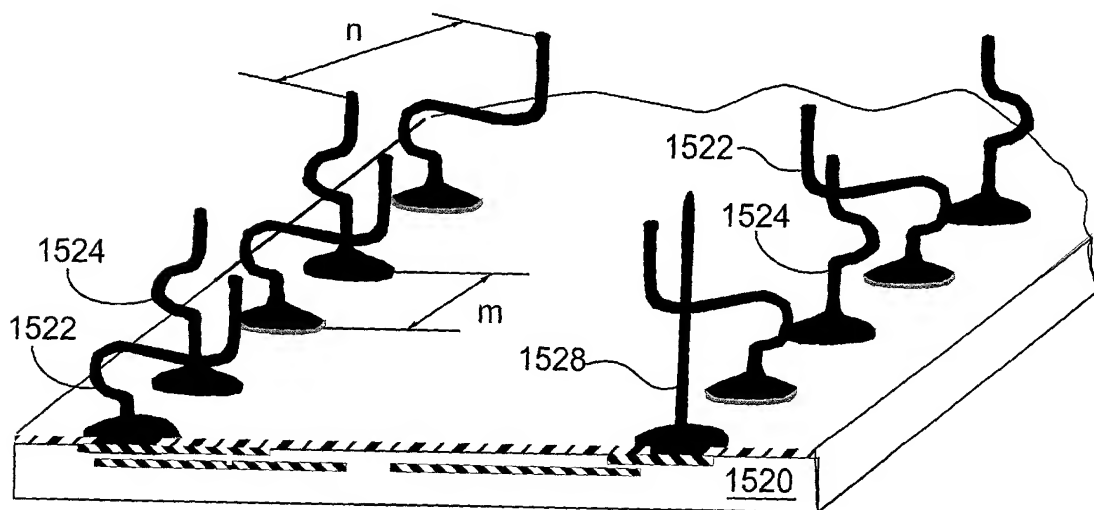


Figure 15A



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Figure 16A

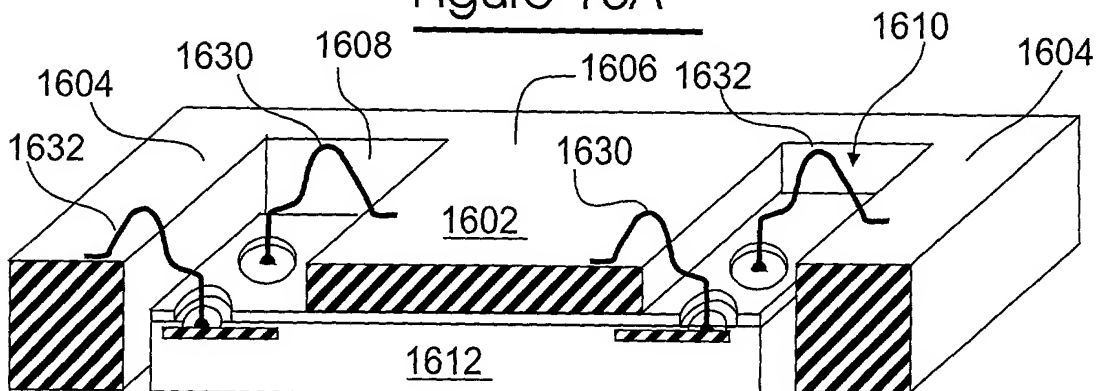


Figure 16B

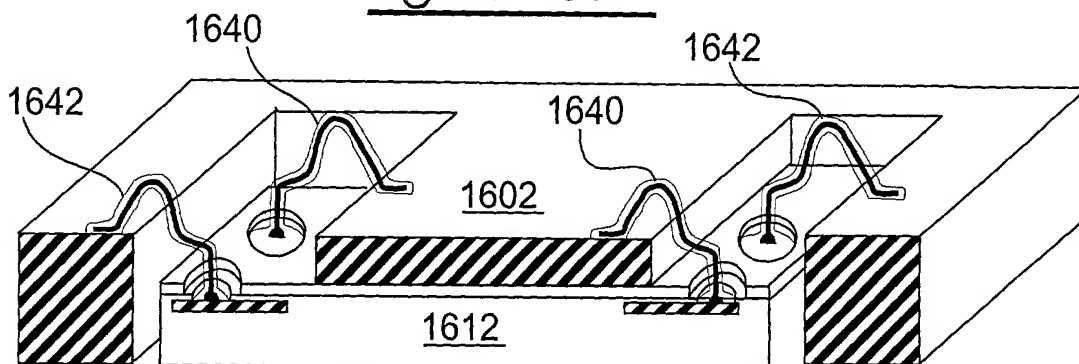
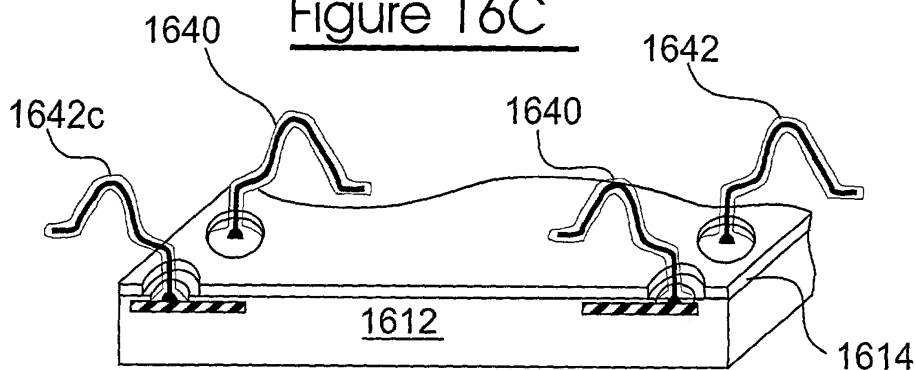


Figure 16C



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Figure 16D

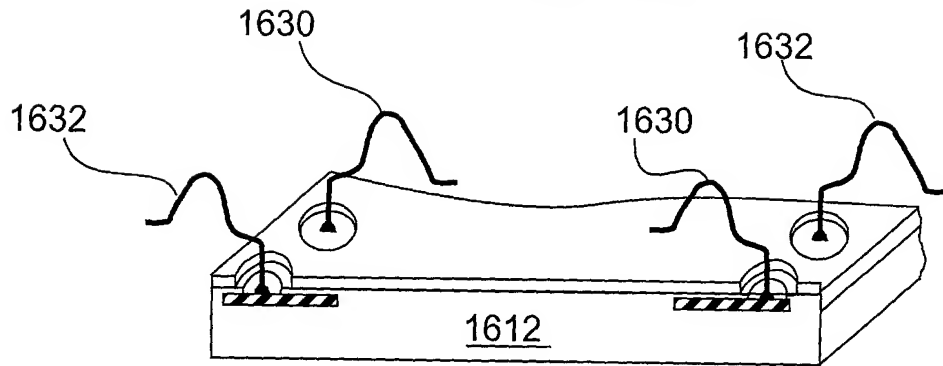


Figure 16E

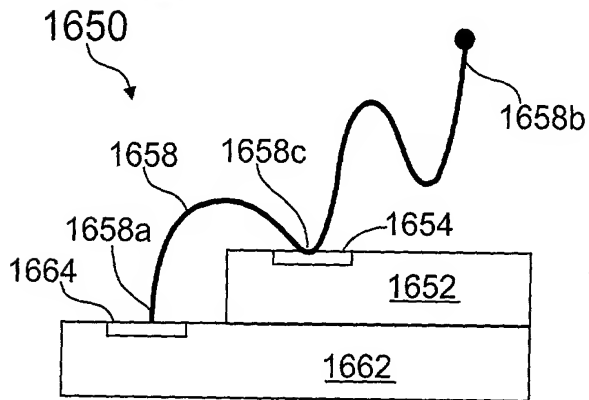
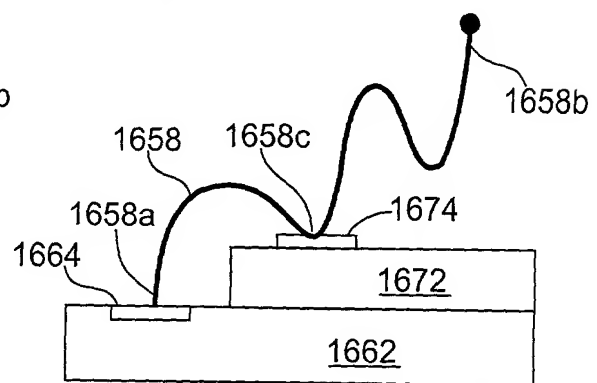


Figure 16F



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Figure 17A

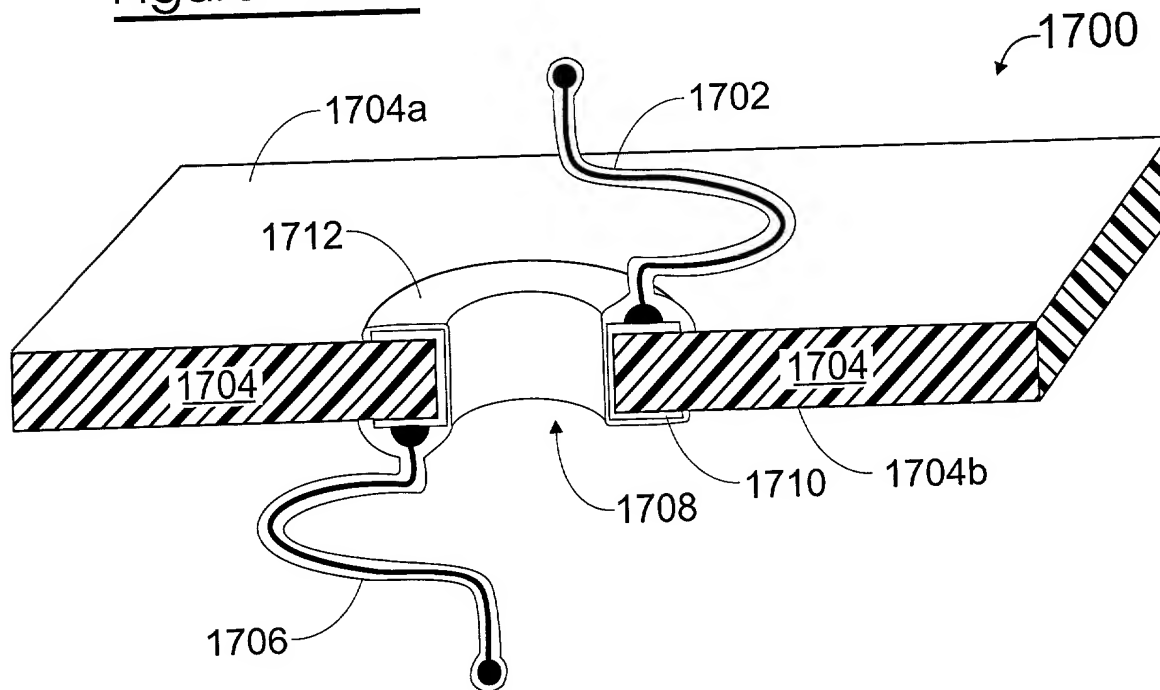
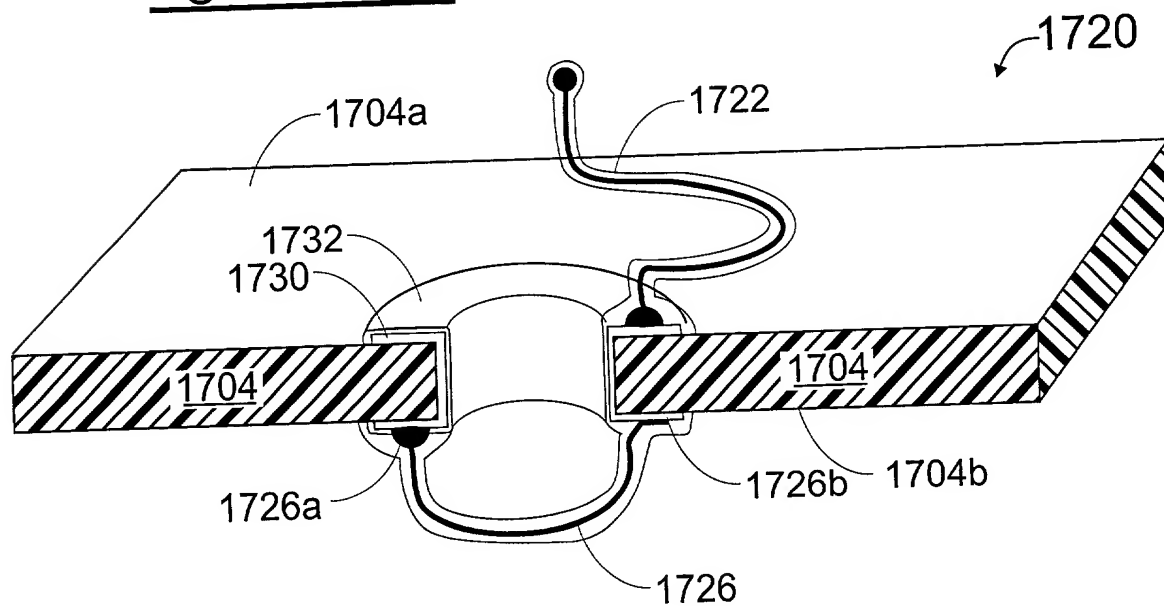


Figure 17B



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Figure 17C

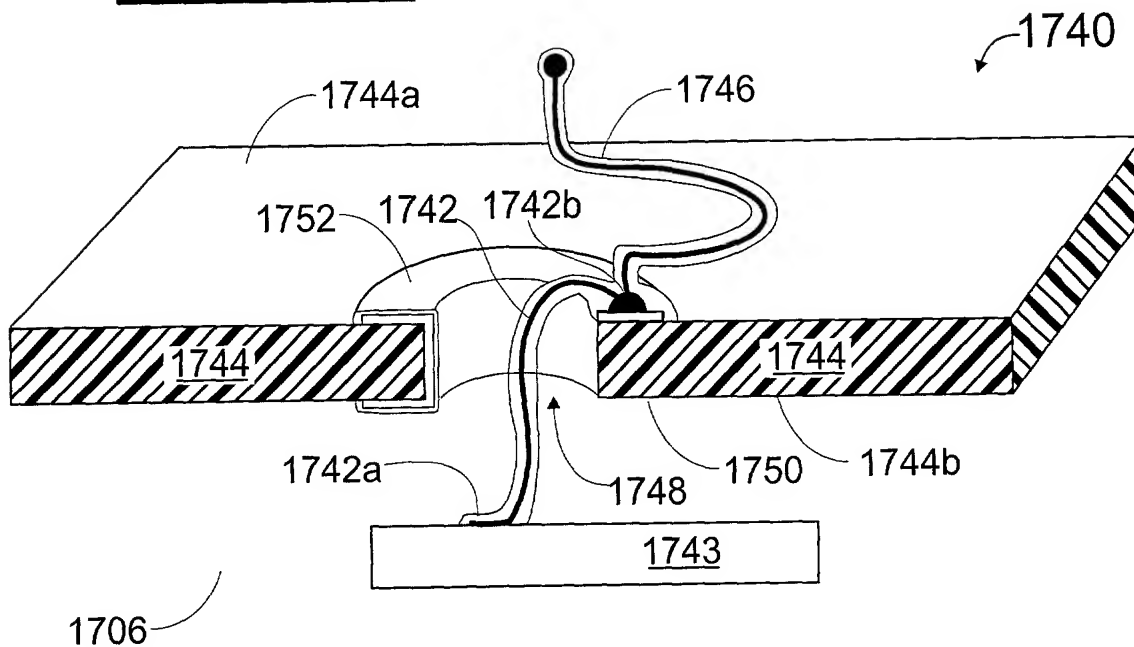
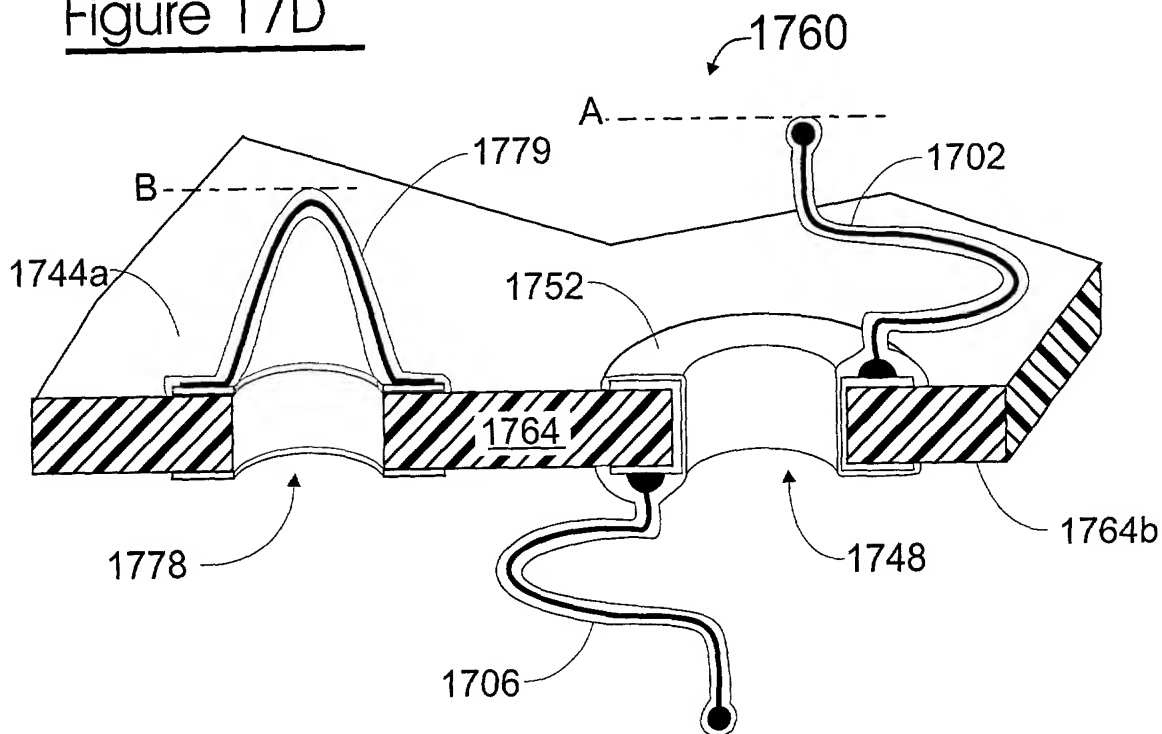
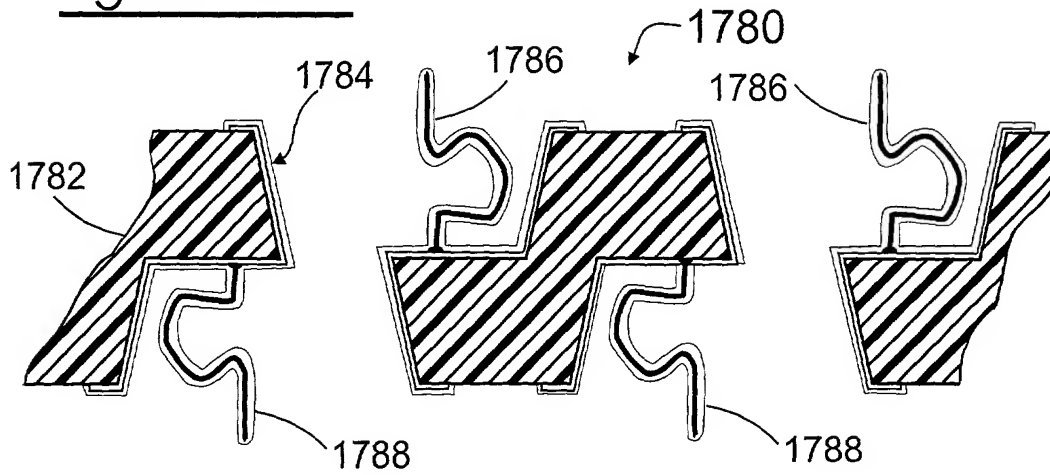


Figure 17D



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Figure 17E



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Figure 18A

1800

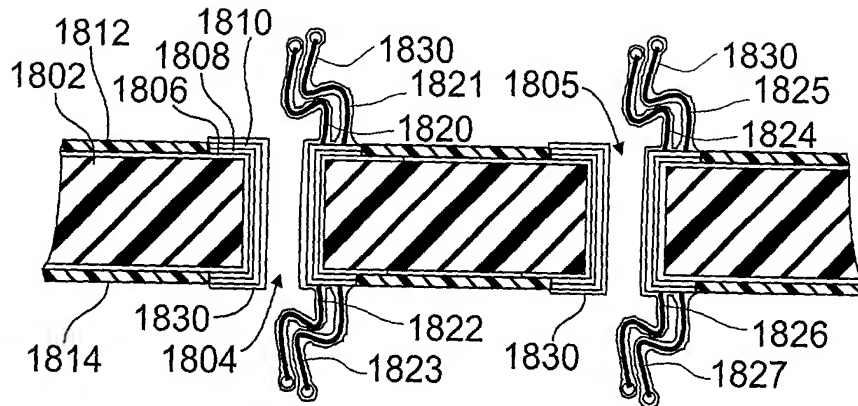
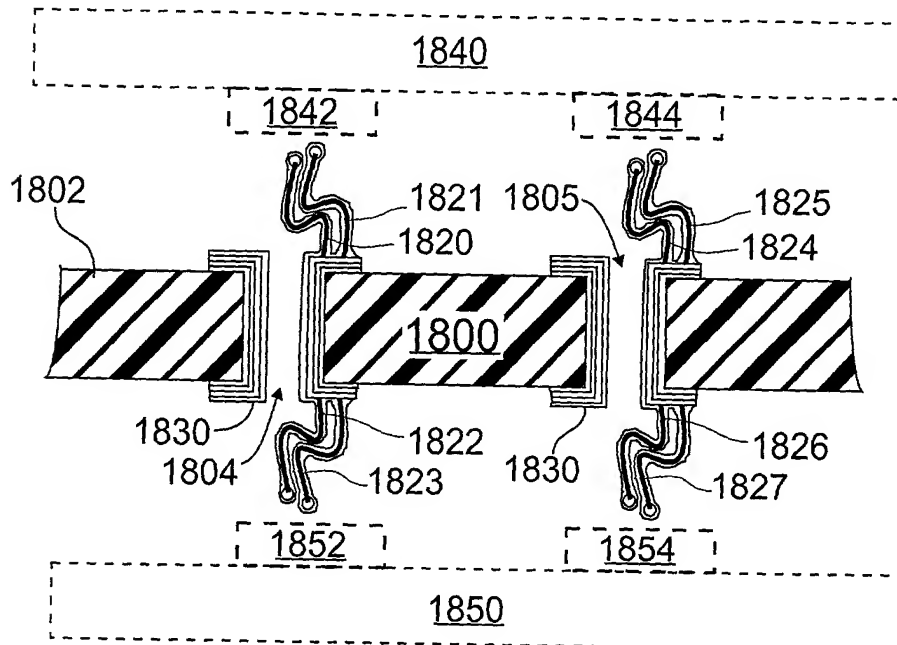
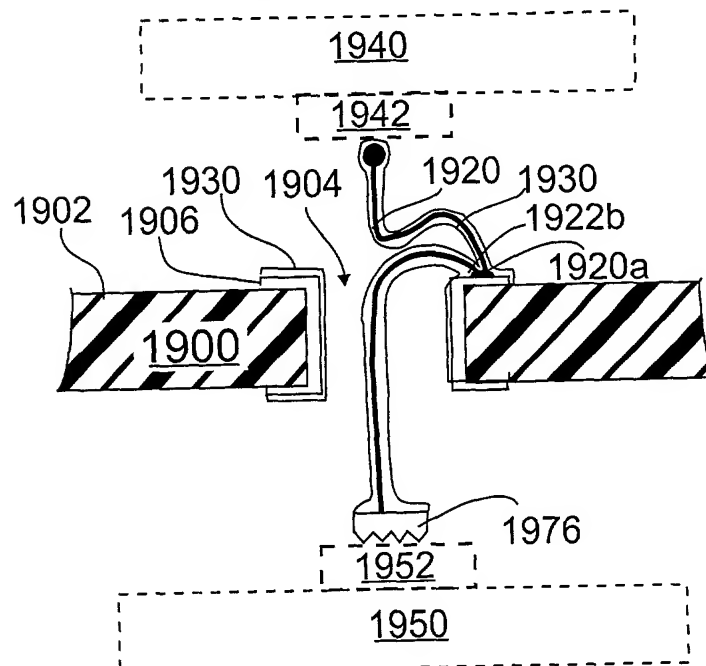


Figure 18B







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Figure 20A

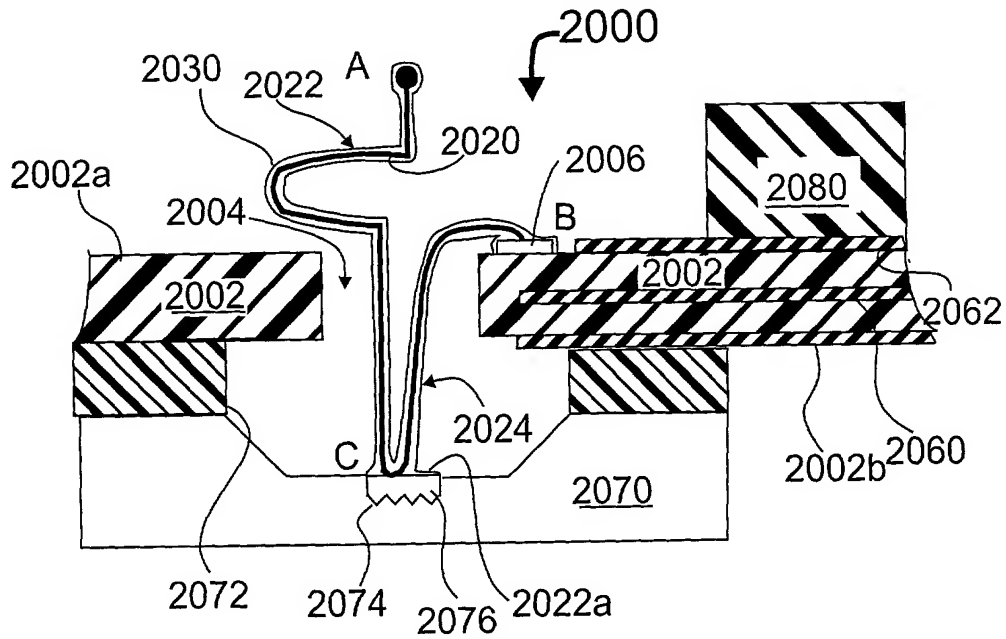
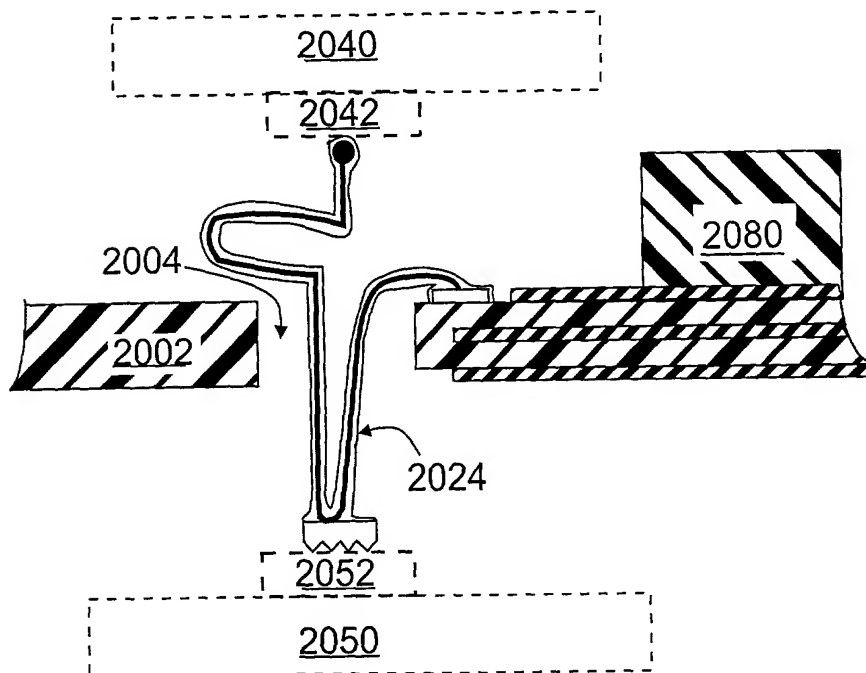


Figure 20B



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Figure 21

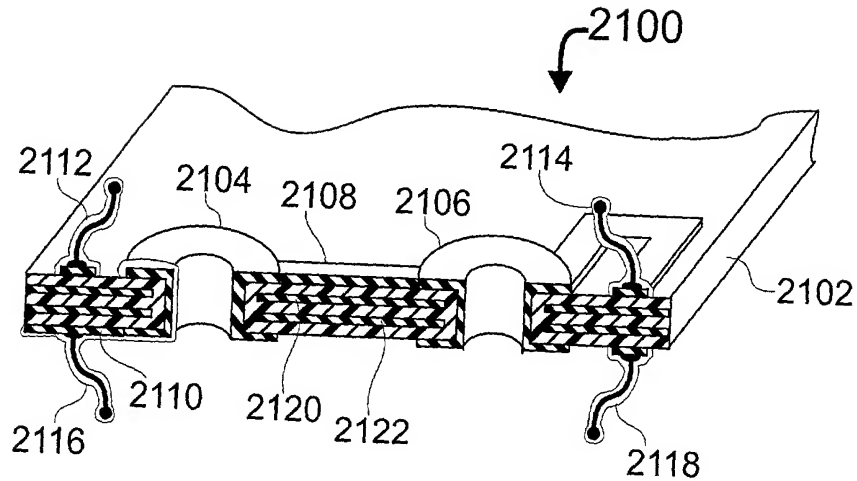


Figure 22D

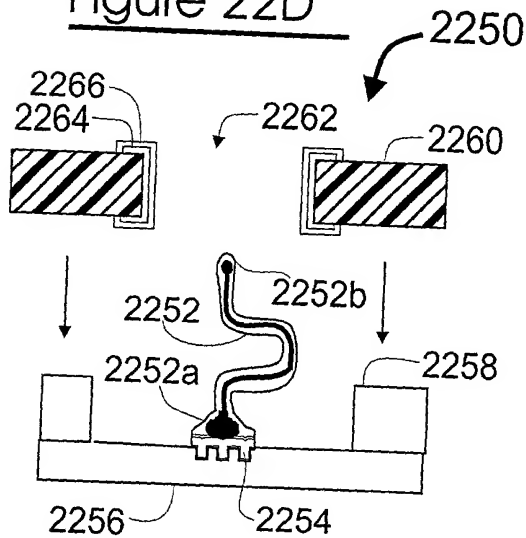


Figure 22E

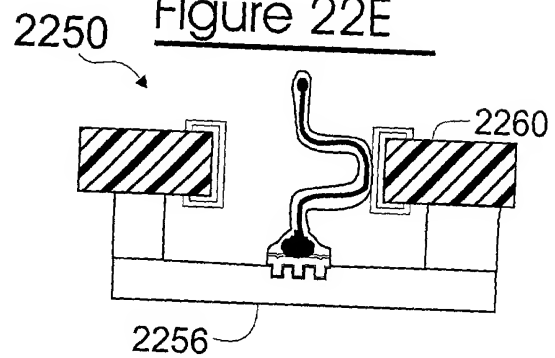


Figure 22F

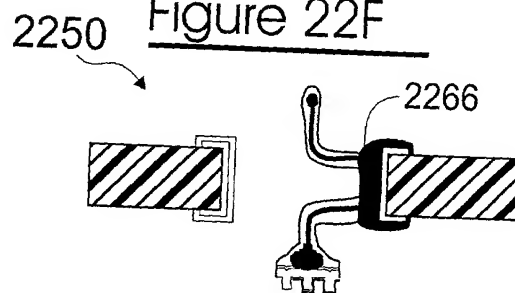


Figure 22A

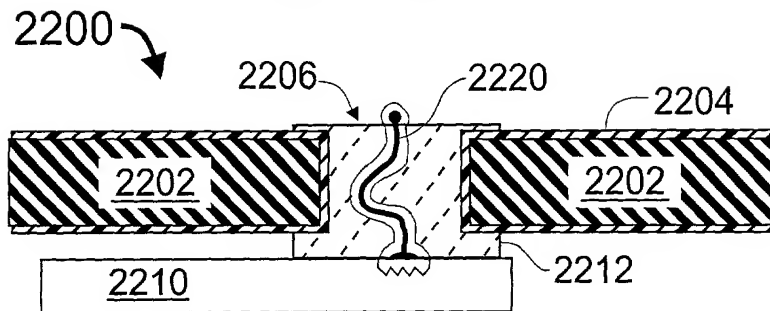


Figure 22B

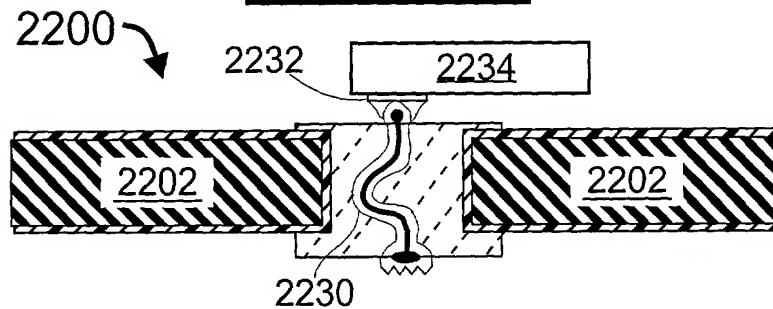
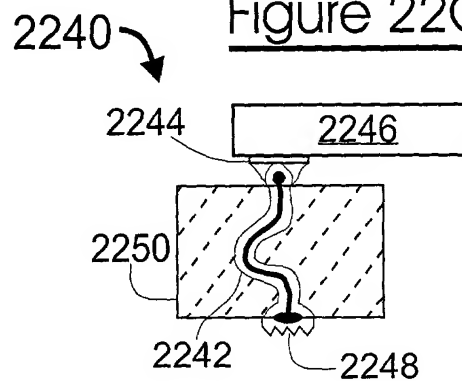
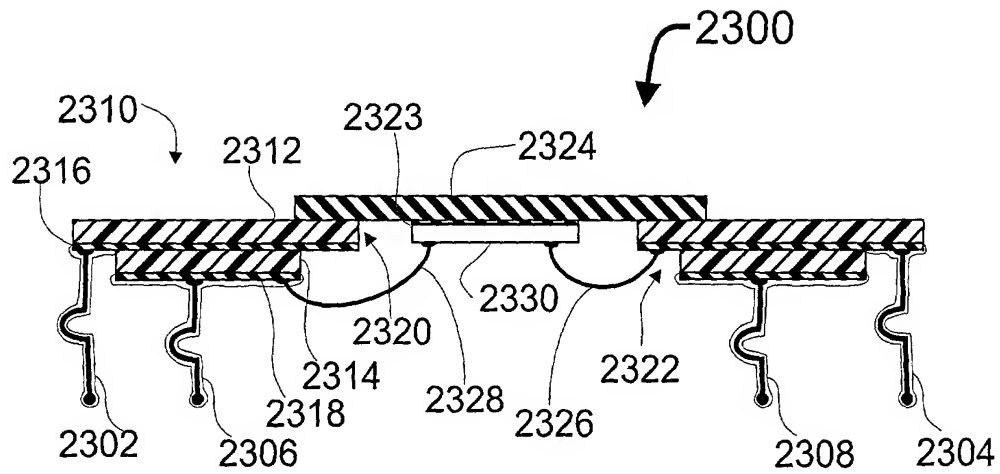


Figure 22C



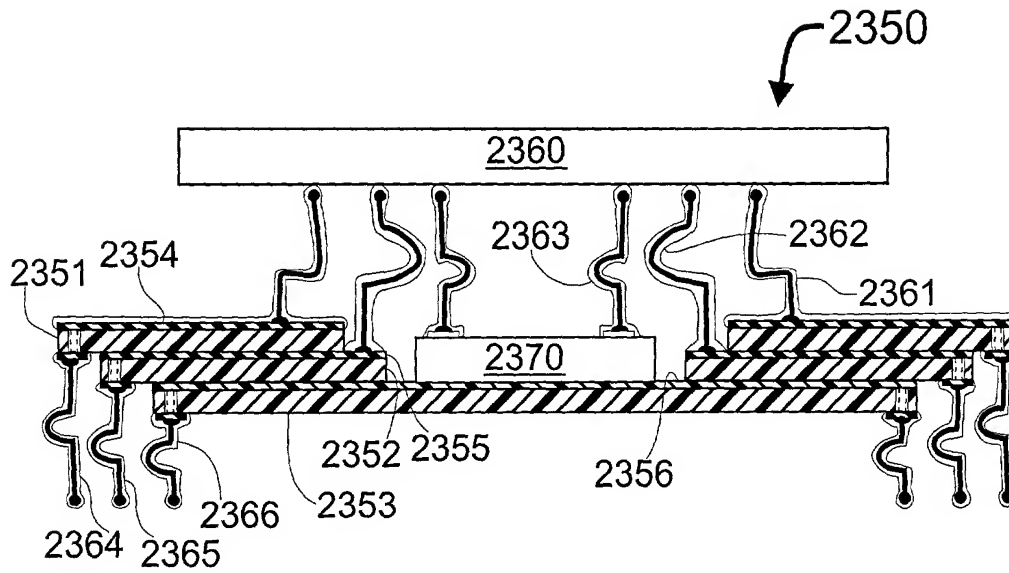
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Figure 23A



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Figure 23B



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Figure 23C

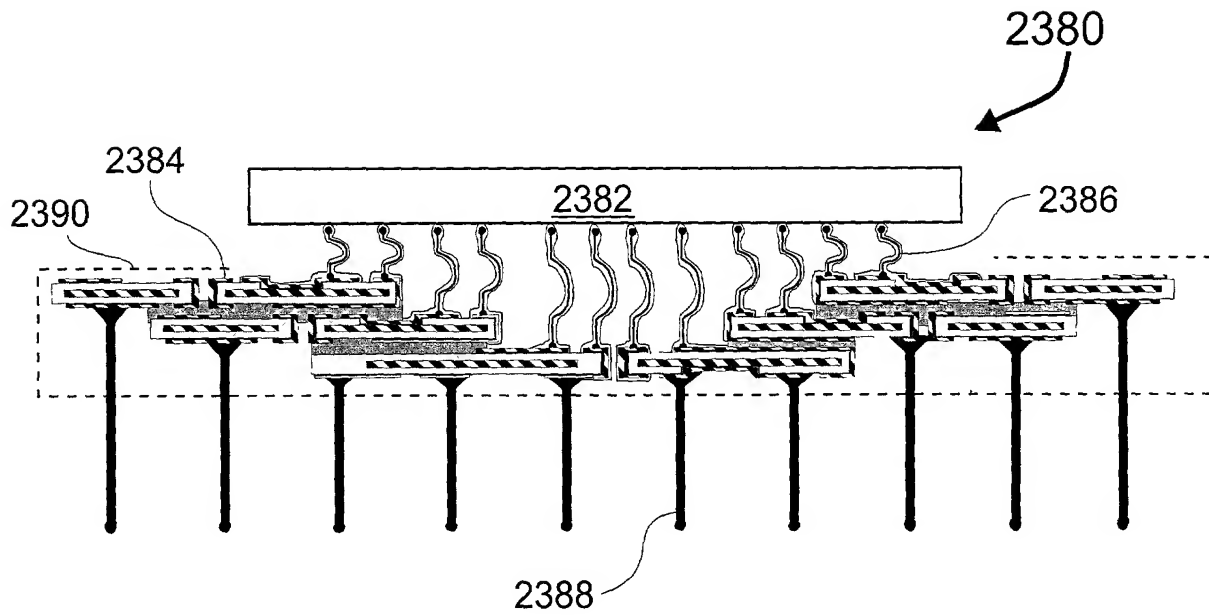


FIG. 23C

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Figure 24A

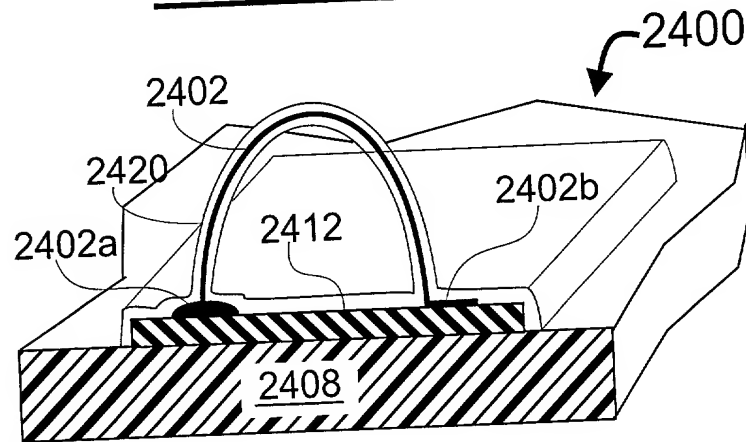
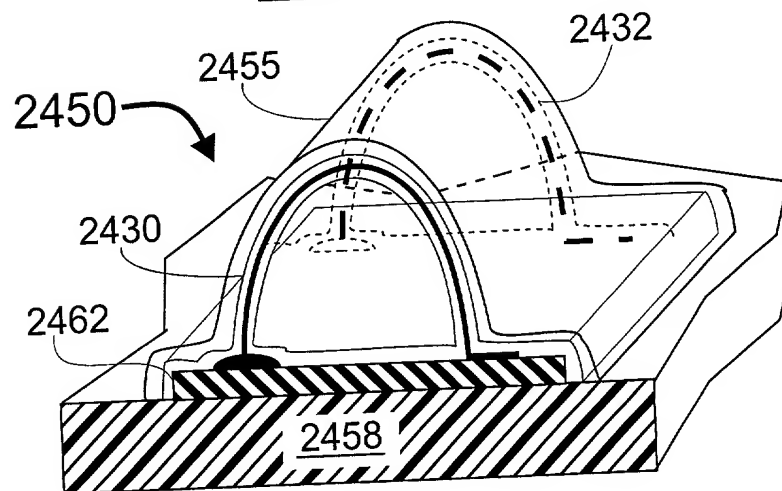


Figure 24B



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Figure 24C

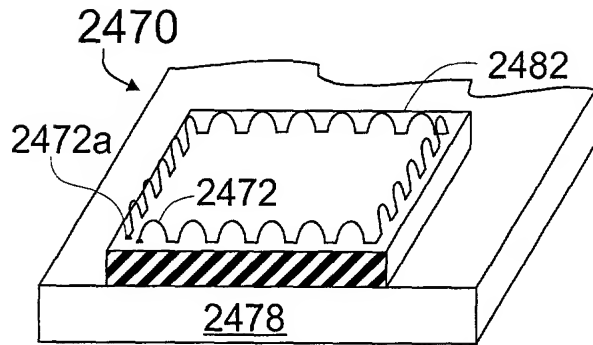


Figure 24D

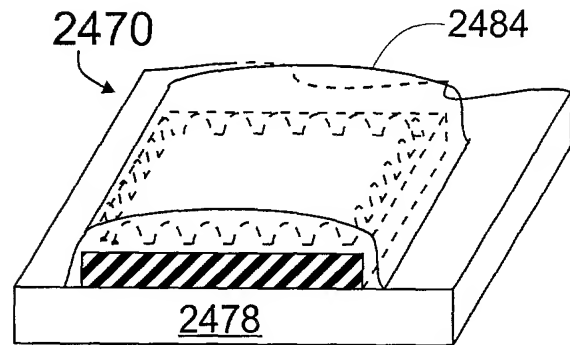
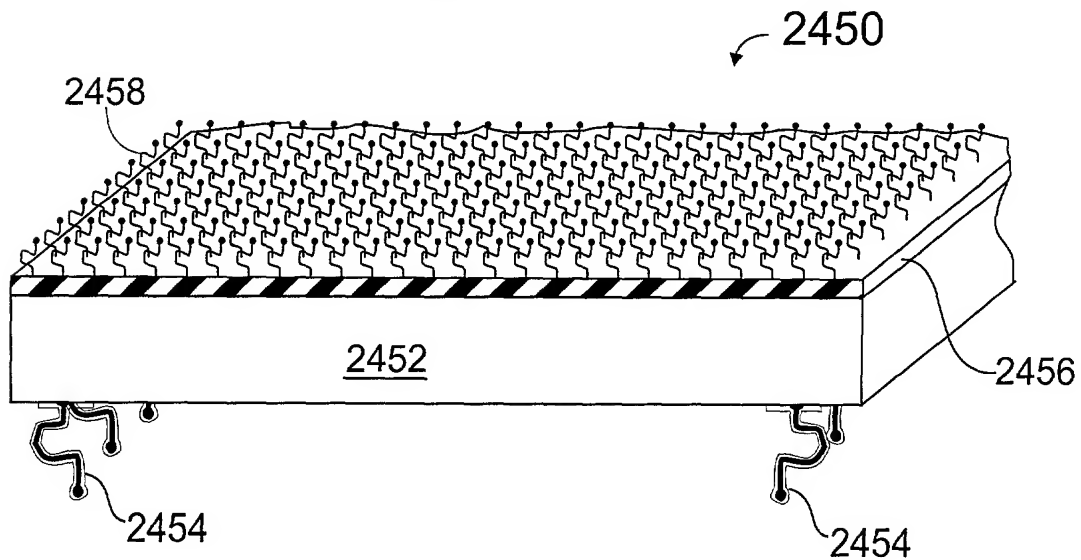


Figure 24E







A cross-sectional view of a multi-layered structure 2600. The structure consists of several layers and components. At the top, a dashed line indicates a boundary. Below this, a horizontal layer 2602 is shown, with a sub-layer 2602b. This layer is supported by a series of vertical, wavy structures 2604 and 2640. Below these, a horizontal layer 2620 is shown, with a sub-layer 2620b. This layer is supported by a series of vertical, wavy structures 2610 and 2612. At the bottom, a horizontal layer 2608 is shown, with a sub-layer 2608b. The entire structure is flanked by vertical, wavy structures 2630 and 2632 on the left, and 2634 and 2636 on the right. Arrows labeled "OUT" point away from the structure on both sides. The entire assembly is labeled 2600.

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Figure 28

3000

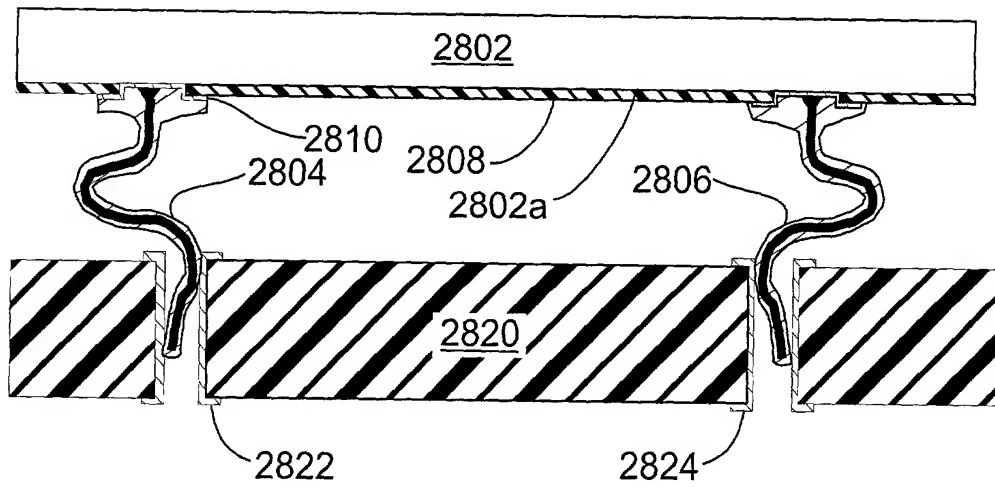


FIG. 28

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Figure 29

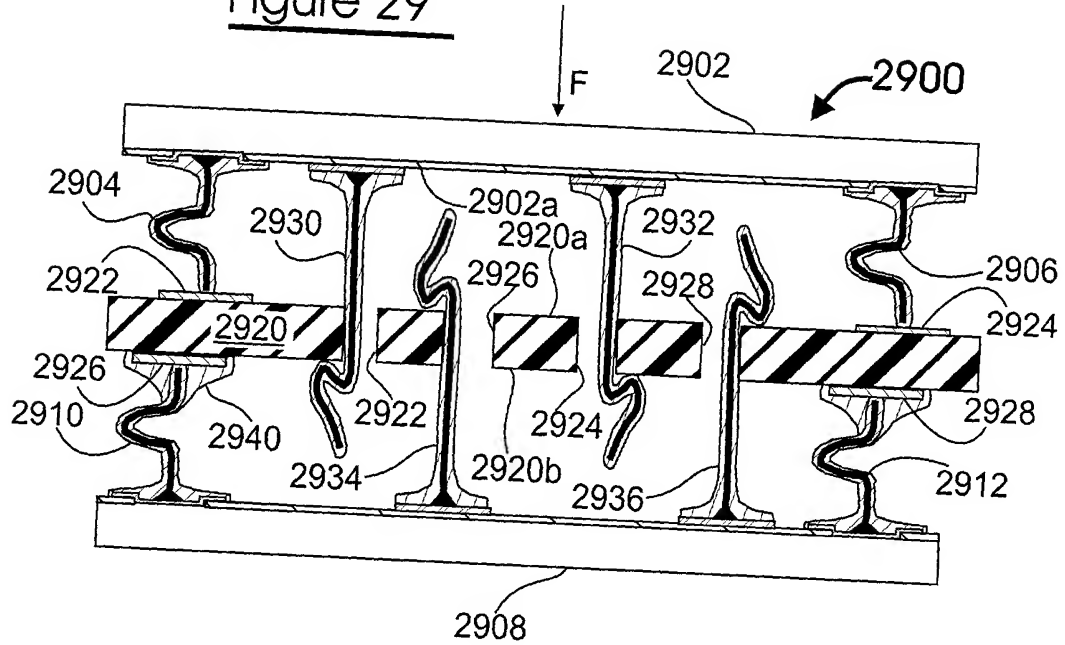
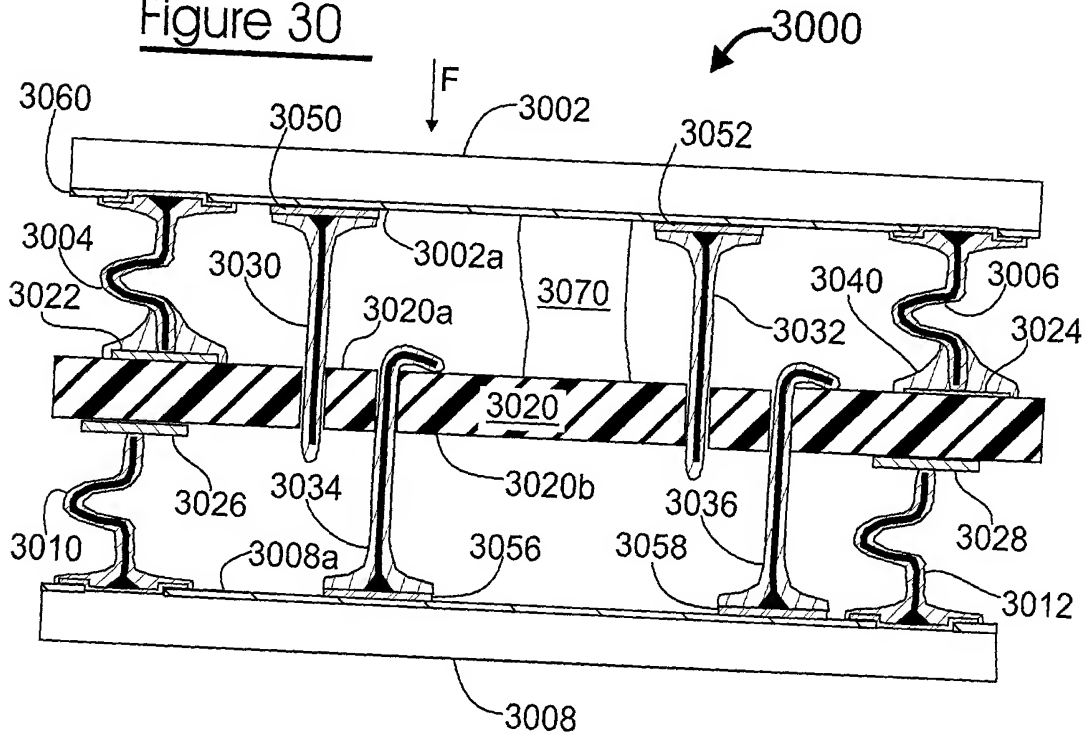


Figure 30



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Figure 31

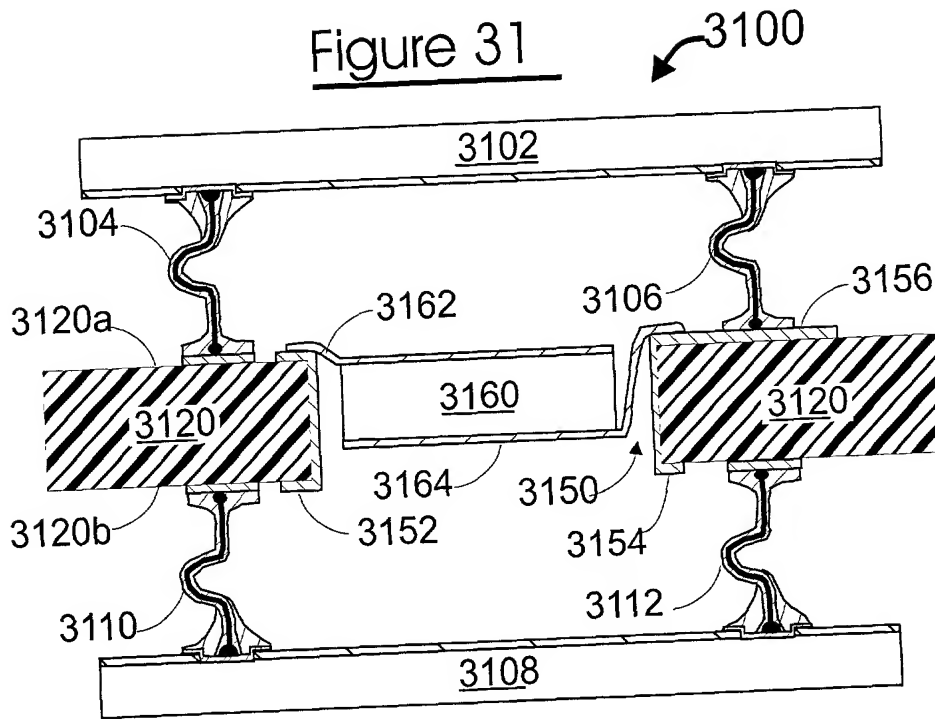
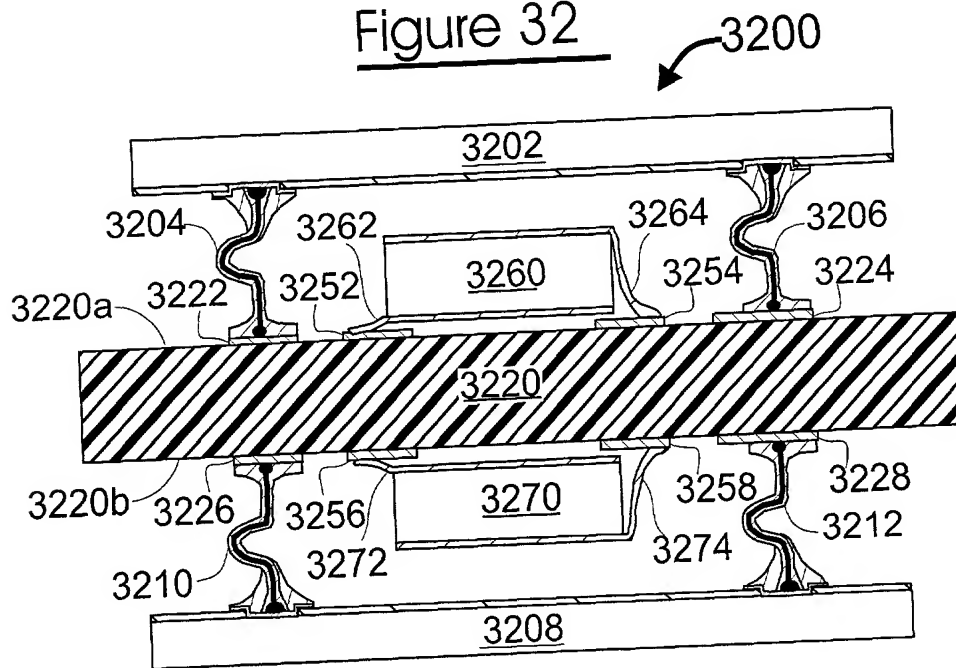
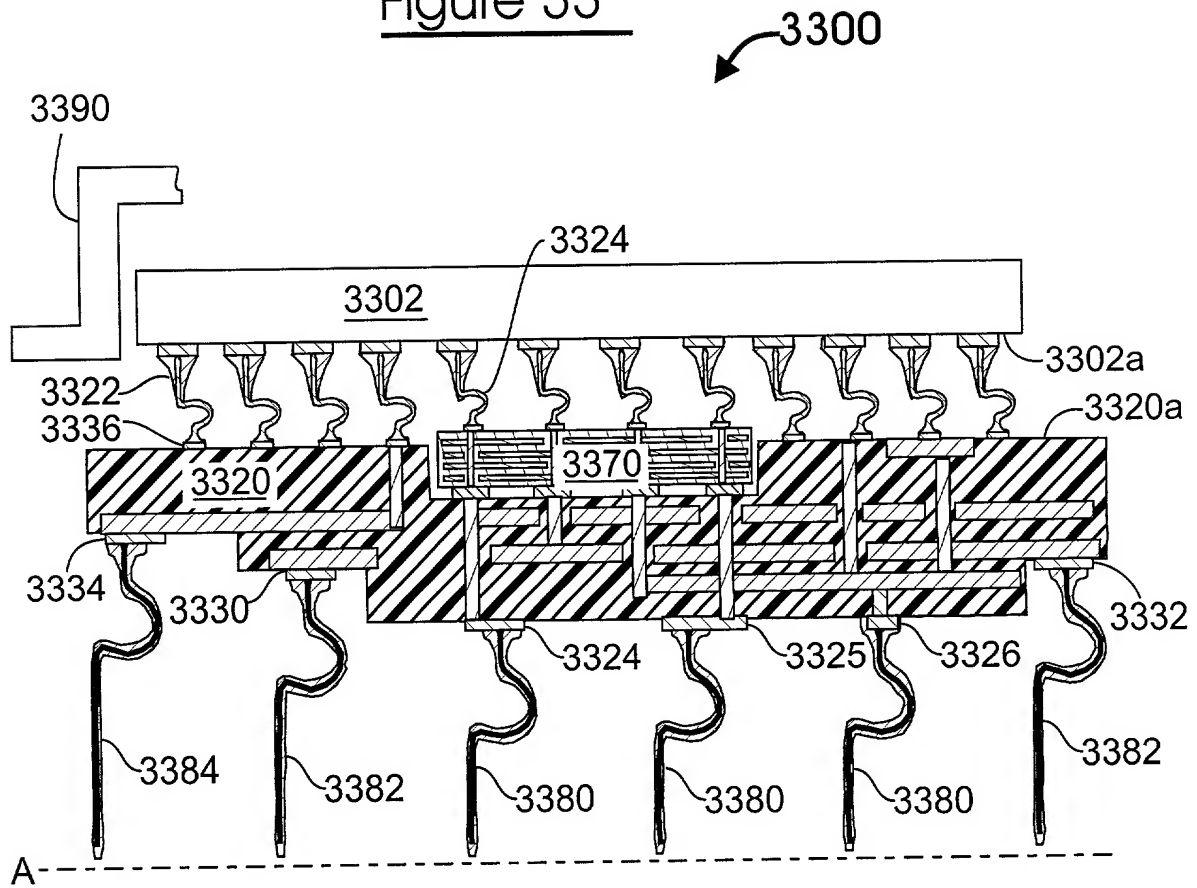


Figure 32



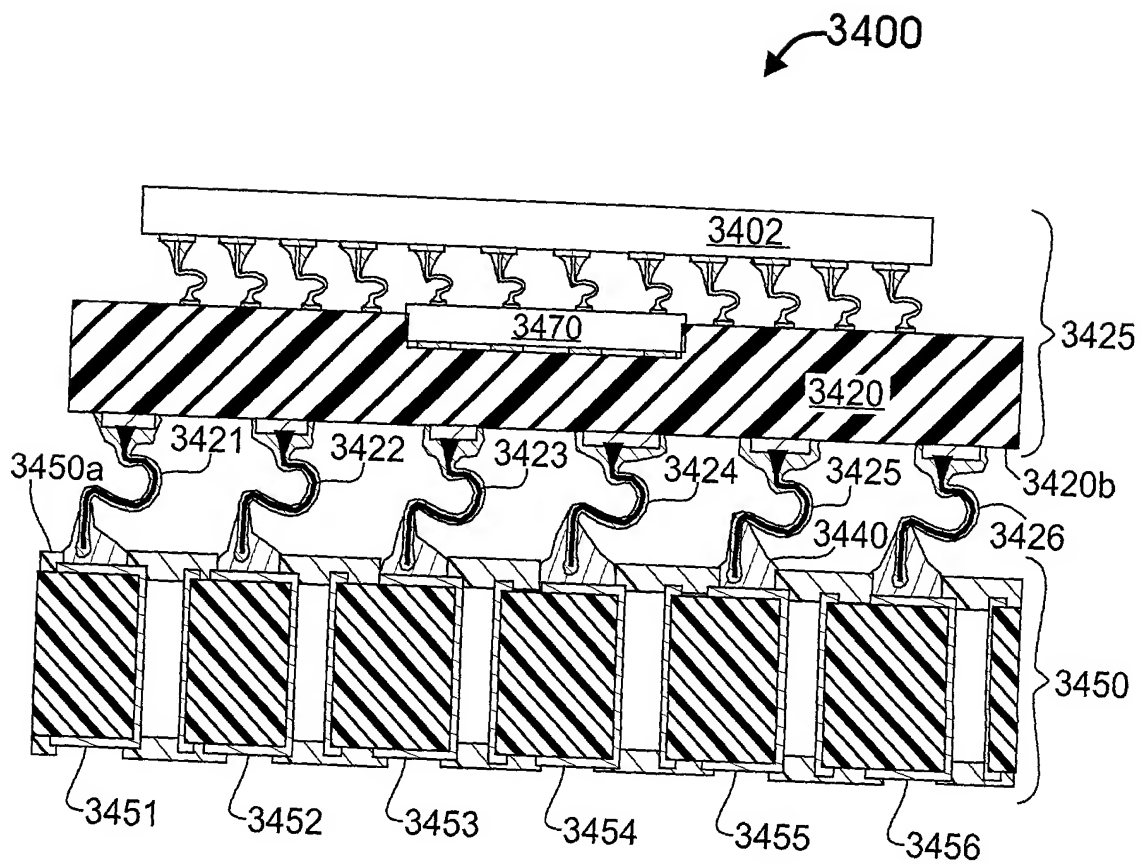
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Figure 33



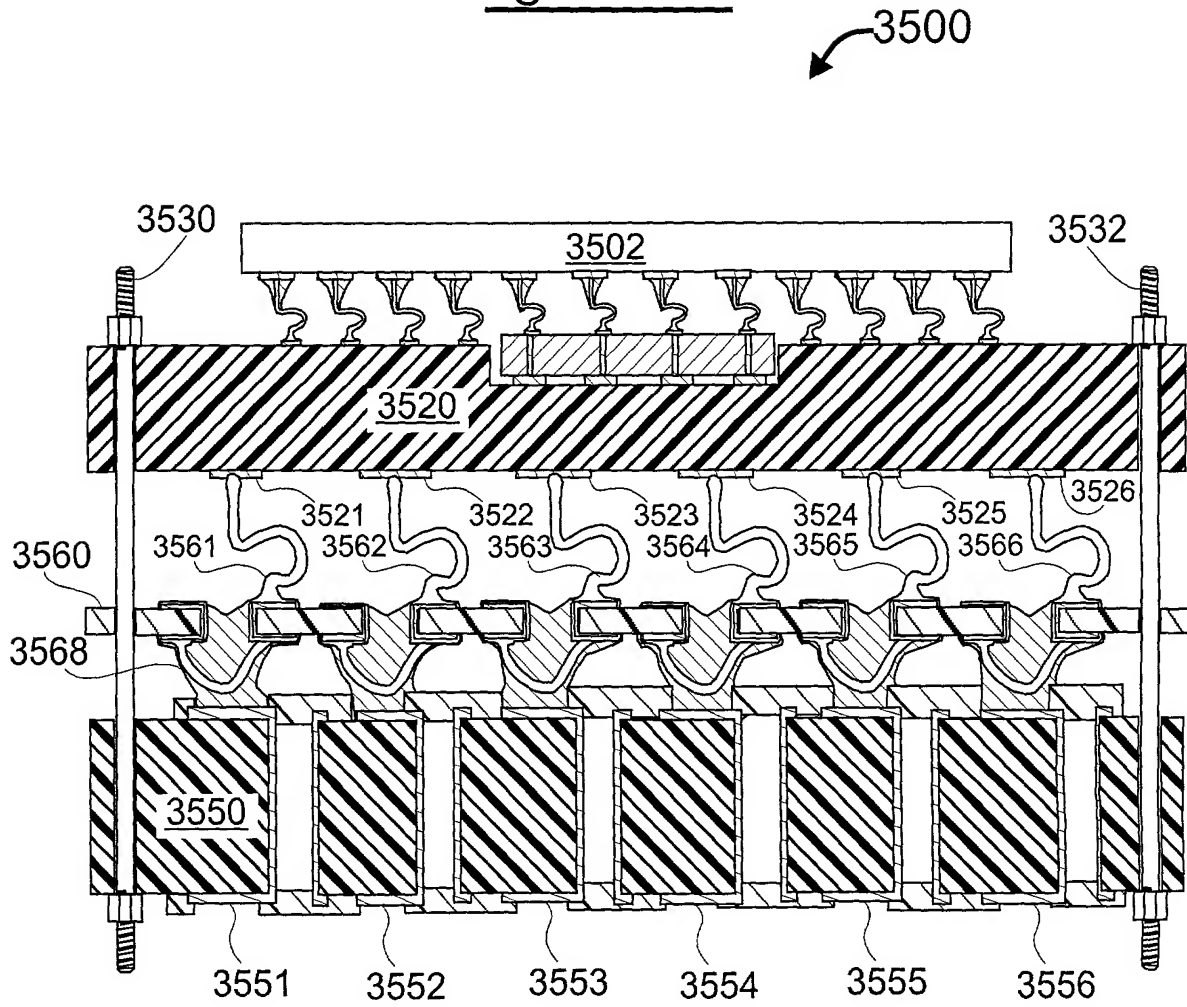
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Figure 34



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Figure 35





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Figure 36A

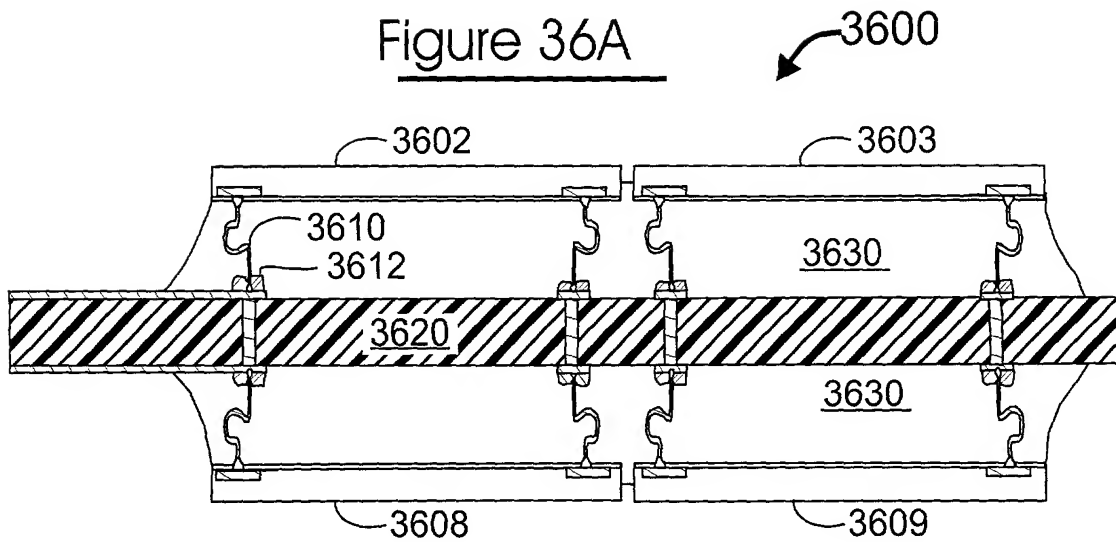


Figure 36B

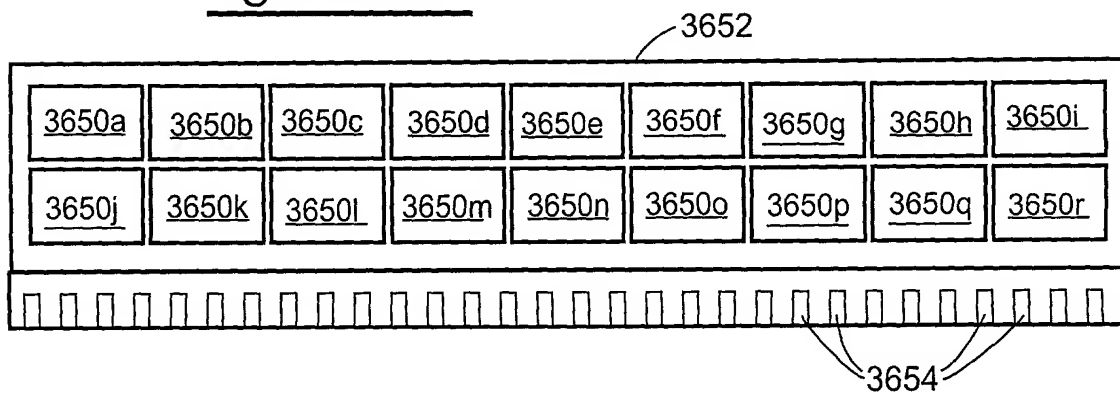
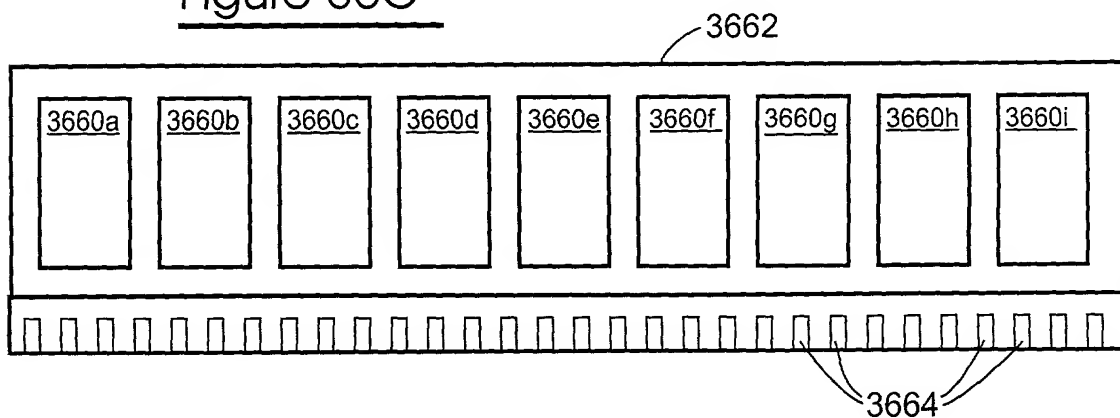


Figure 36C



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Figure 37

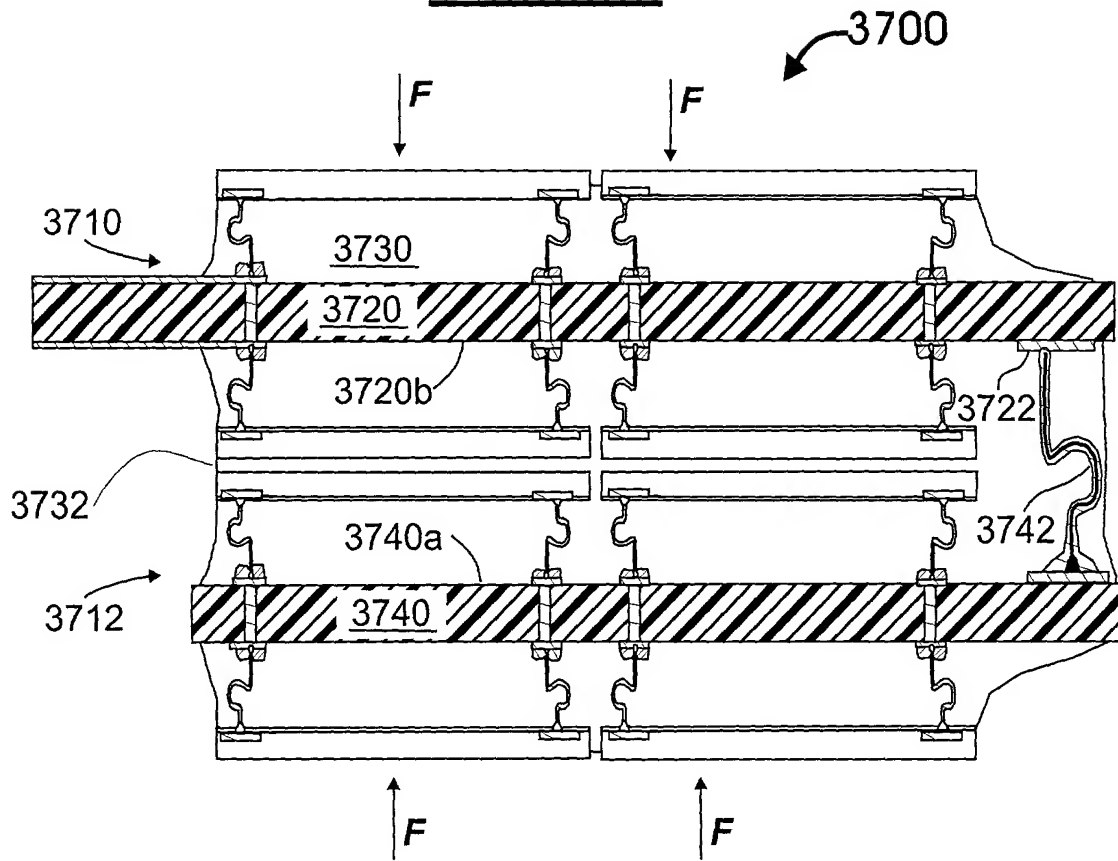


FIG. 37

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Figure 38

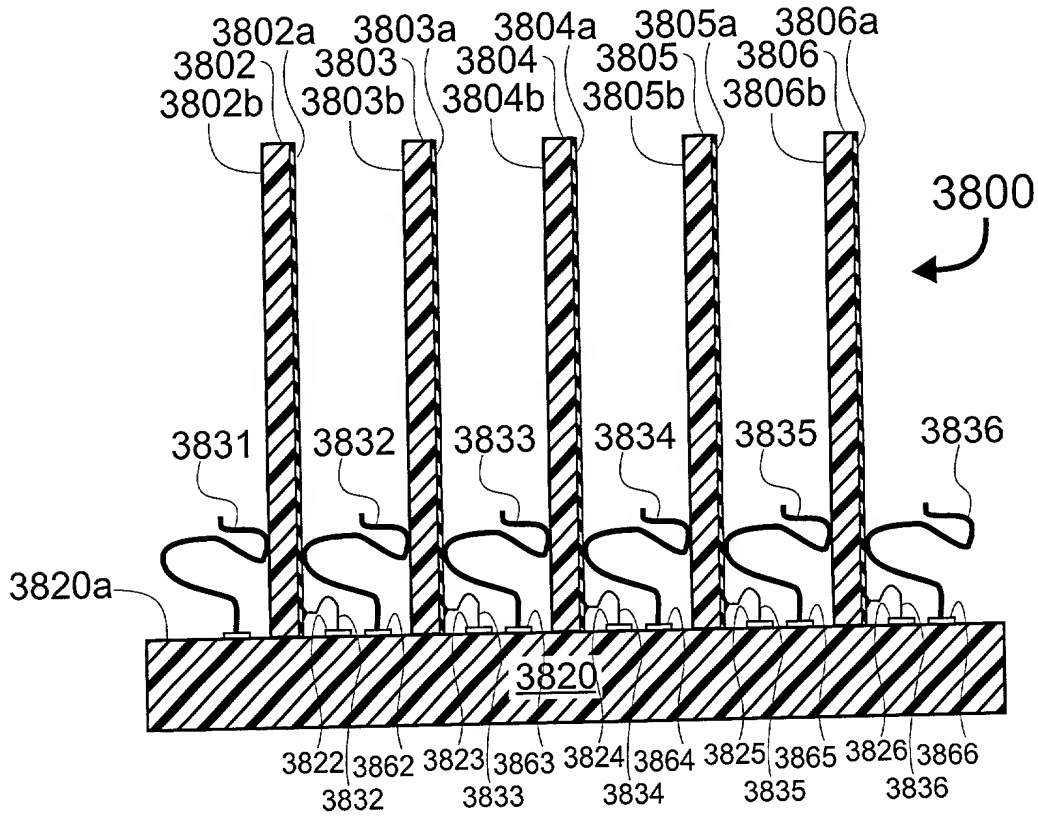
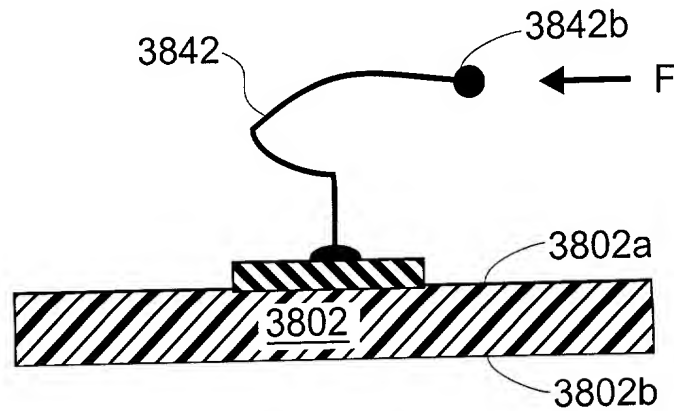


Figure 38A



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Figure 39

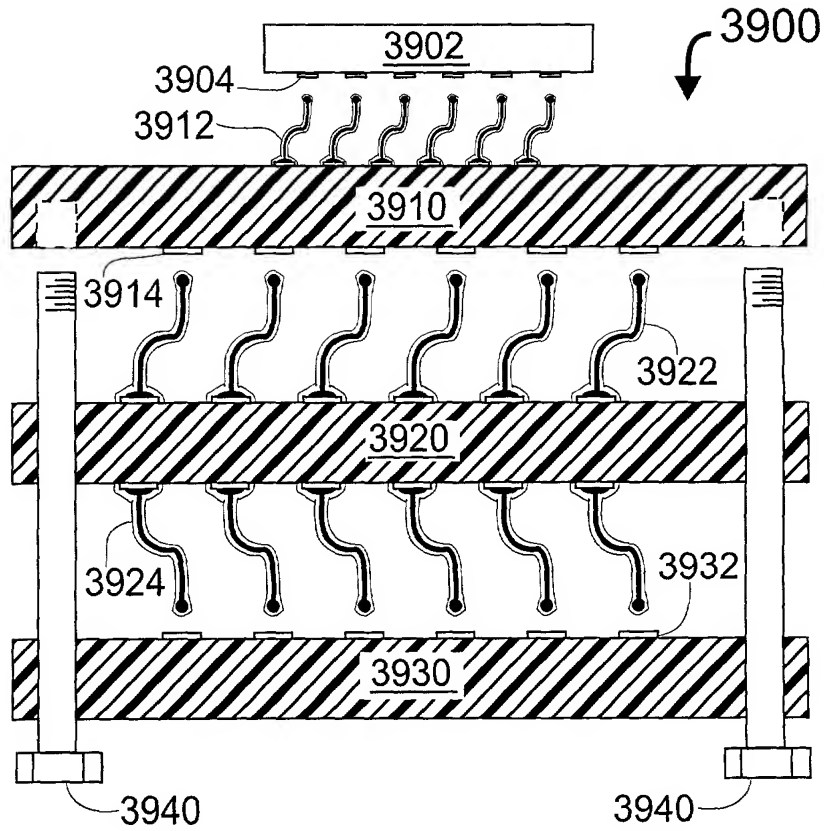
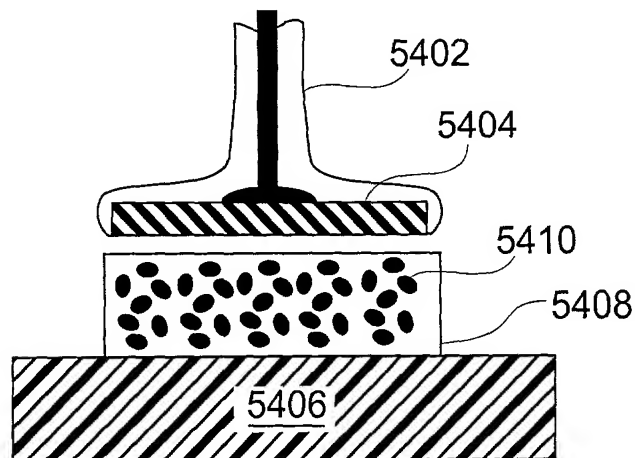


Figure 54



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Figure 40A

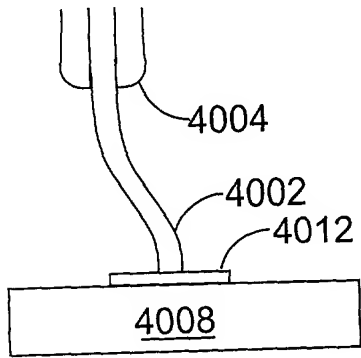


Figure 40B

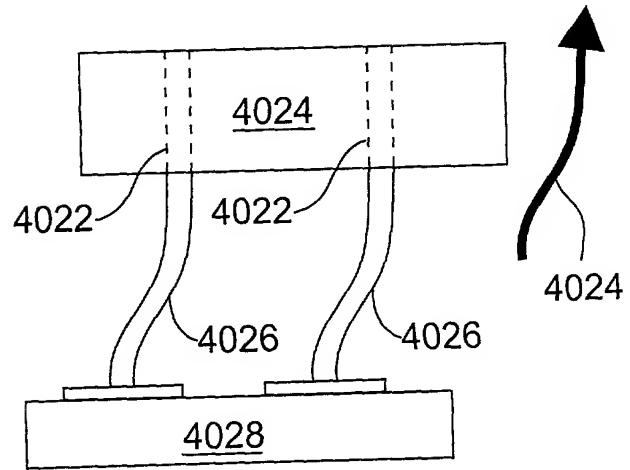


Figure 53A

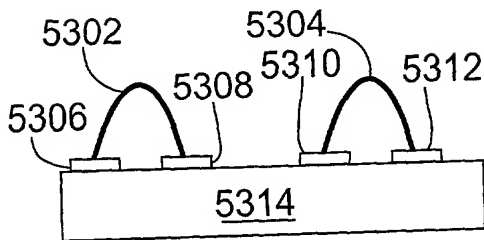
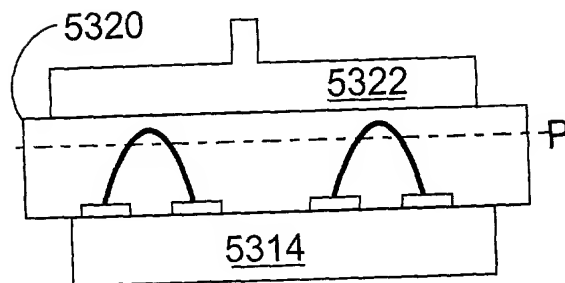


Figure 53B



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Figure 41A

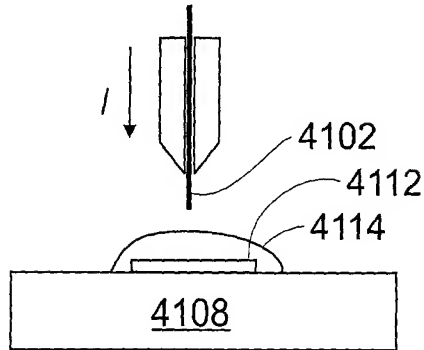


Figure 41B

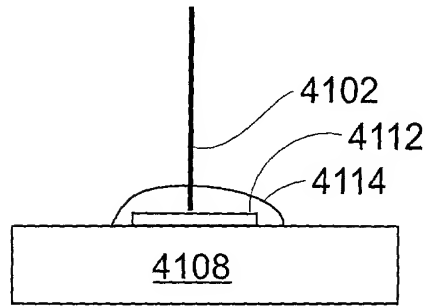


Figure 41C

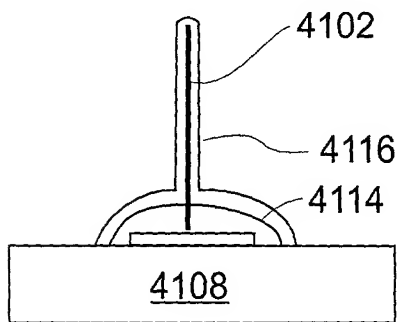


Figure 42

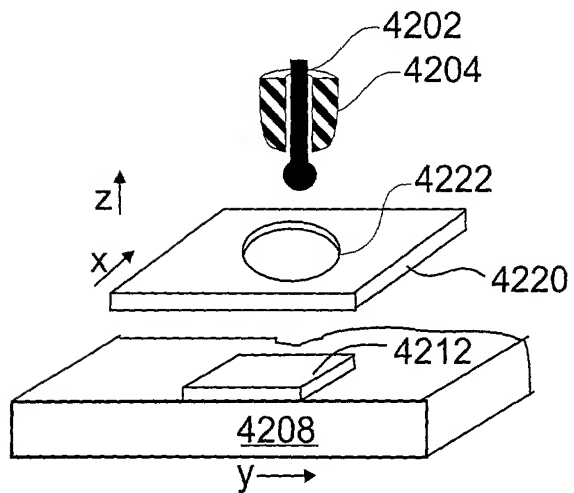


Figure 42A

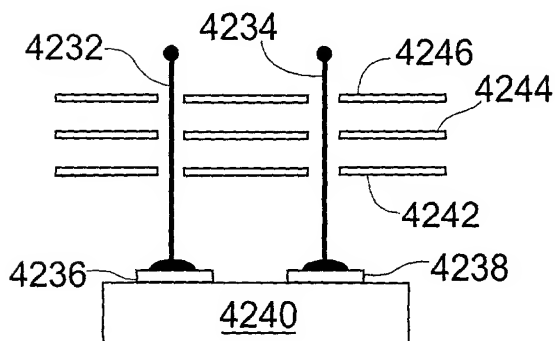
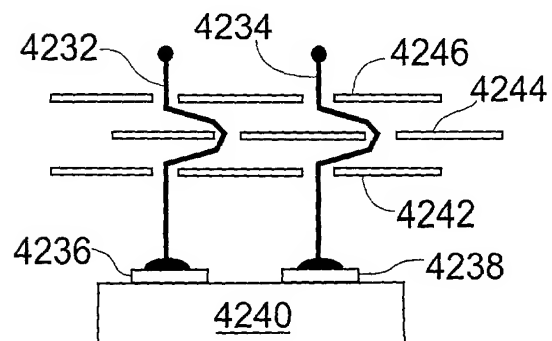


Figure 42B



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Figure 43A

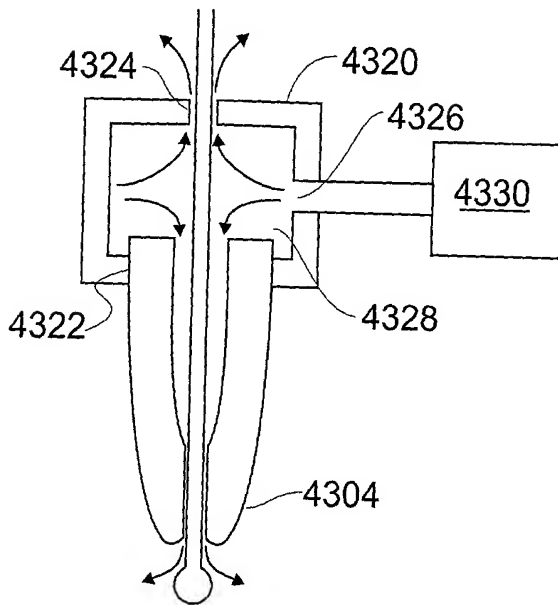


Figure 43B

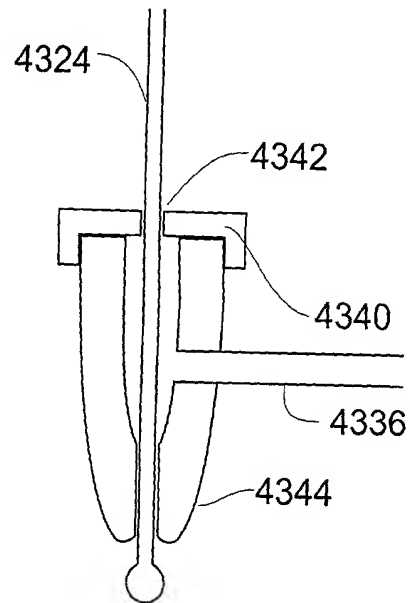
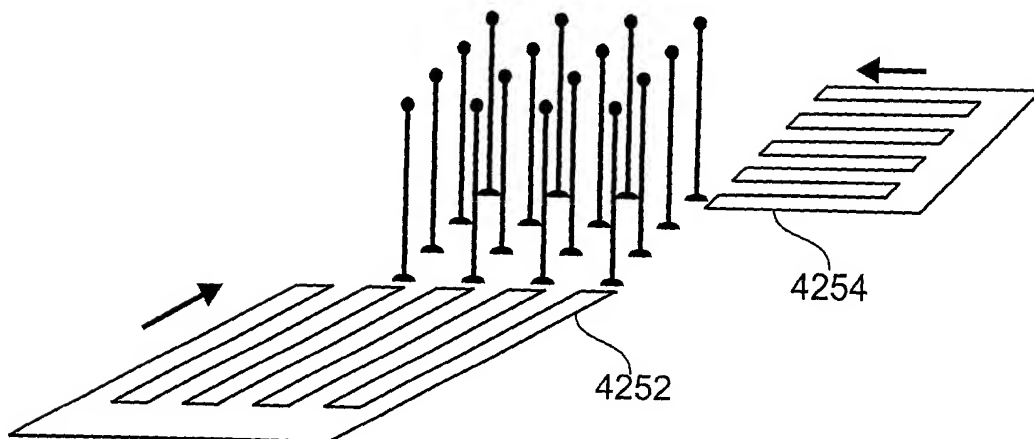


Figure 42C



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Figure 44

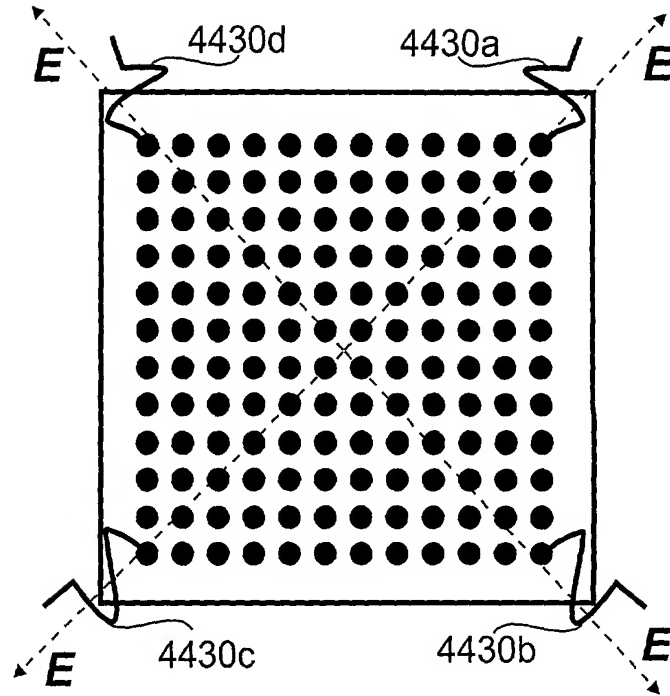


Figure 45

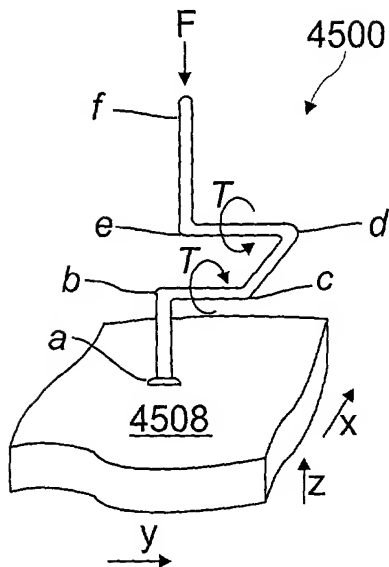
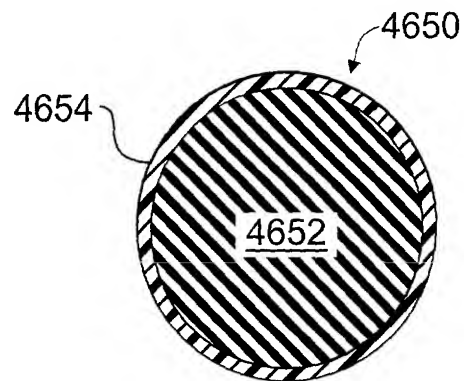


Figure 46G  
 PRIOR ART





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Figure 46A

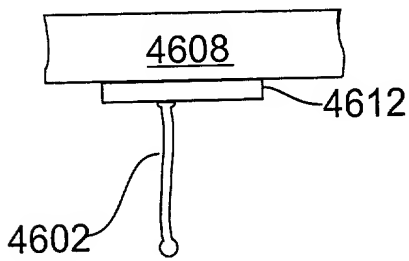


Figure 46B

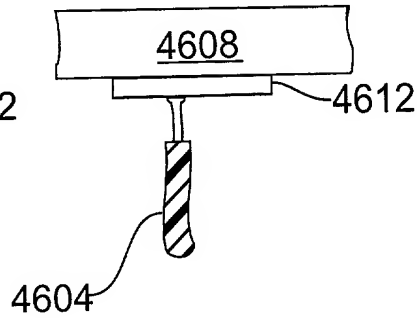


Figure 46C

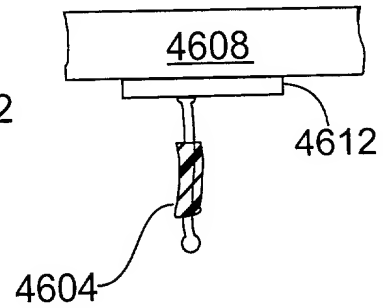


Figure 46D

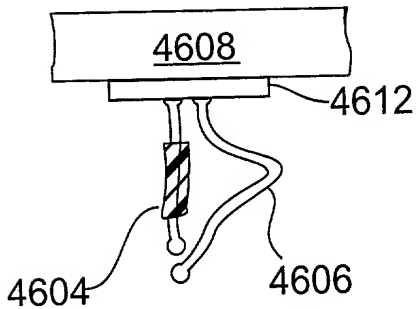


Figure 46E

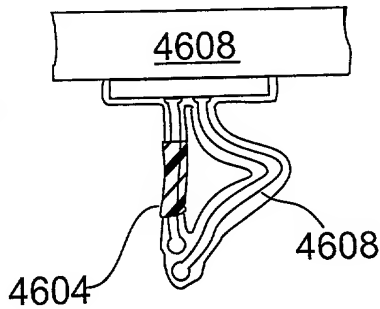


Figure 46F

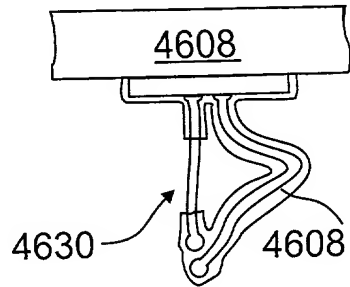


Figure 53C

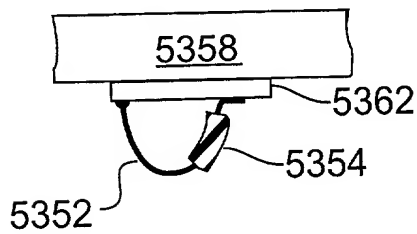


Figure 53D

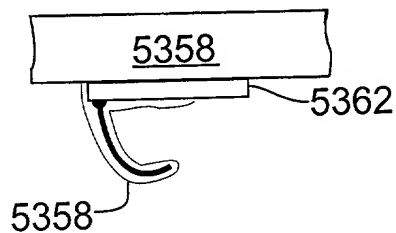


Figure 47

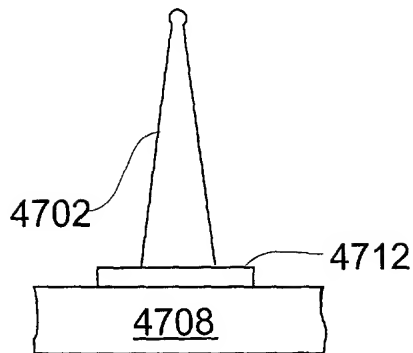


Figure 48A

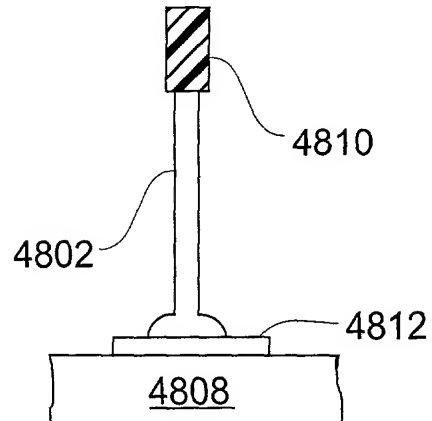


Figure 48B

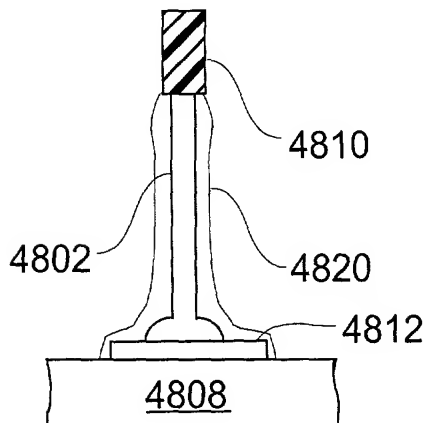


Figure 48C

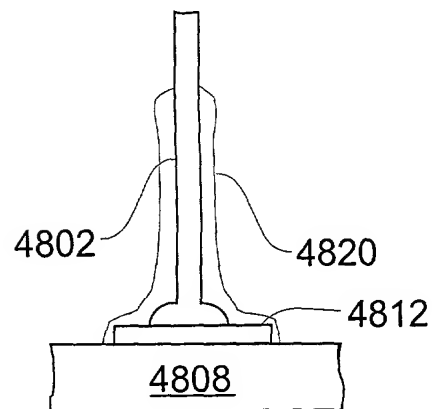


Figure 48D

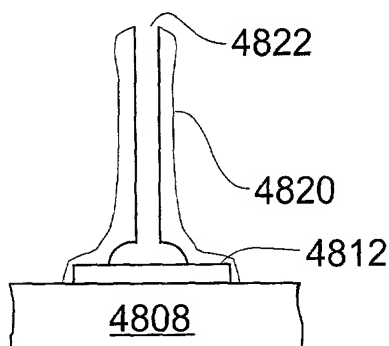
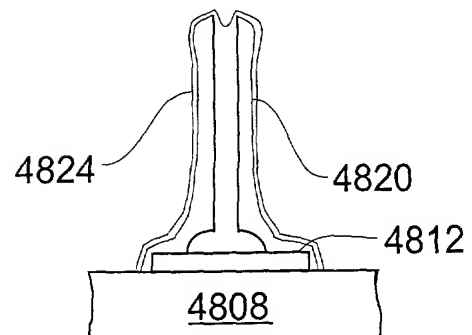


Figure 48E



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Figure 49A

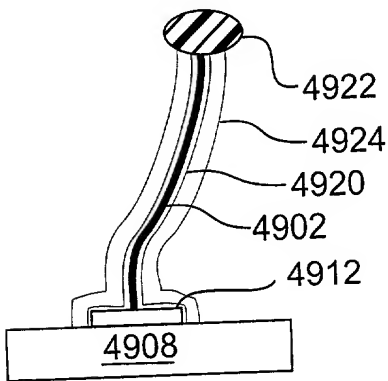


Figure 49B

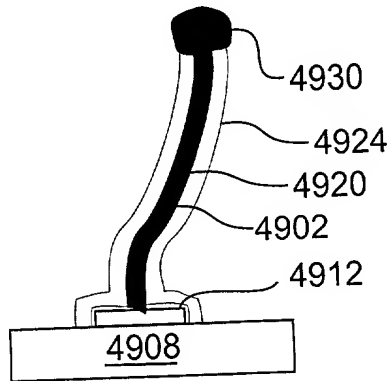


Figure 49C

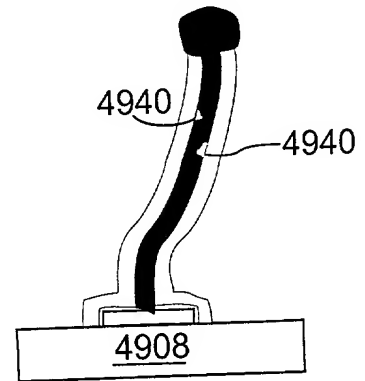


Figure 50A

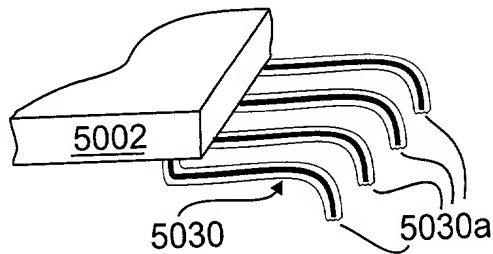


Figure 50B

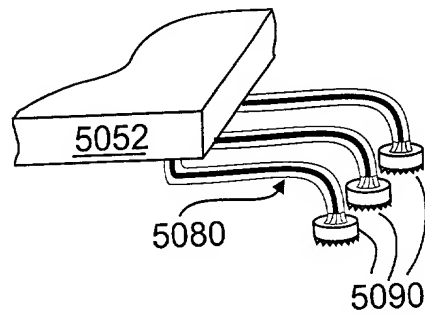


Figure 51A

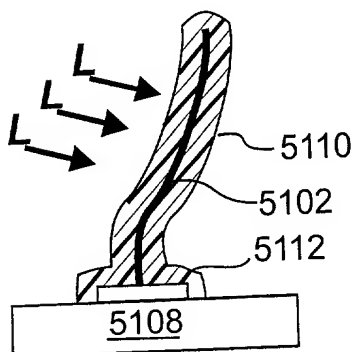


Figure 51B

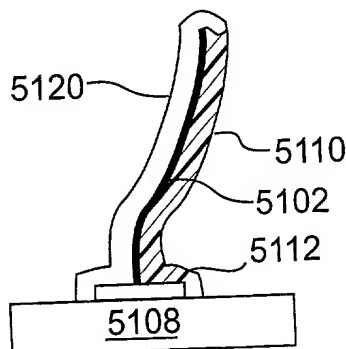
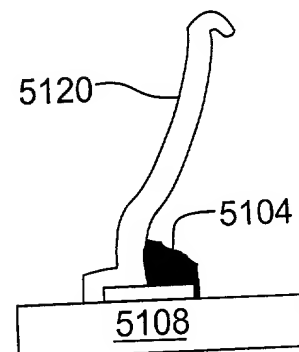


Figure 51C



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Figure 52A

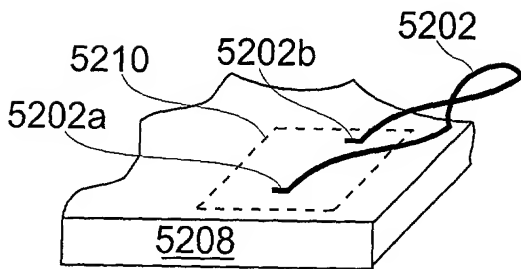


Figure 52B

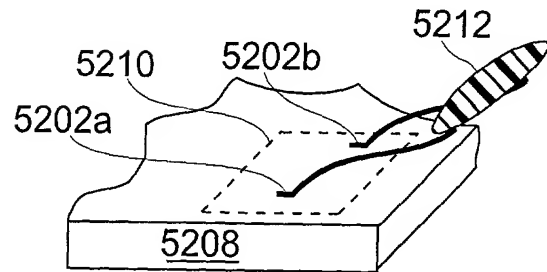


Figure 52C

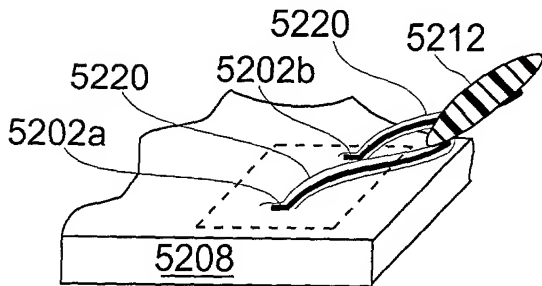


Figure 52D

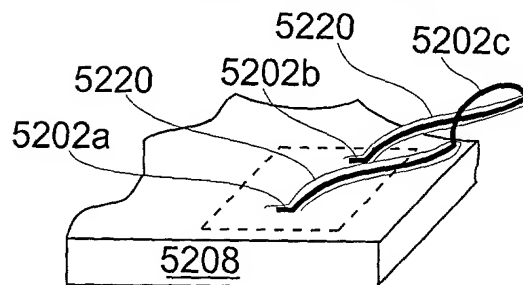


Figure 52E

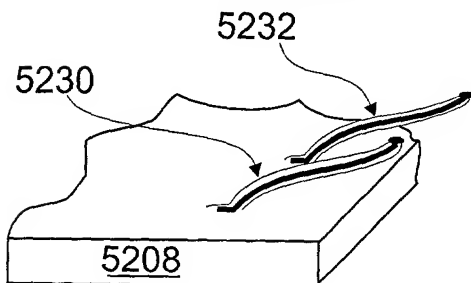


Figure 52F

